C Number:	C55765
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	06/09/1989

ANIMAL ID: 2001	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Bilateral, Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Skin		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2002	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node	Nose
Parathyroid Gland	Prostate	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lung		Carcinoma	
Note: [CARCINOMA] TGLs = 3-3			
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Moderate
Salivary Glands	Acinus, Submandibul Gl	Atrophy	Minimal
Skin			
Note: SKIN EVALUATED ON SLIDES 8 AND 9			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2003	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4+11			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Granuloma	Minimal
		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Moderate
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Skin			
Note: NO SECTION TAKEN OF SKIN MASS			
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: FIBROSIS TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2003	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-11			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2004	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 3-1			
Liver		Fatty Change	Mild
		Necrosis	Caseous, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PIUIT ADENOM AND CHR PROG NEPHROPATHY			
Note: ADENOMA TGLs = 5-7			
Stomach	Forestomach	Ulcer	Marked
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-10			
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	Follicular Cel	Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2004	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
Note: ADENOCARC TGLs = 4-7			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2005	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2006	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2007	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: EYE INFLAMMATION=PHTHISIS BULBI			
Note: CATARACT TGLs = 10-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Myocardium	Fibrosis	Focal, Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA TGLs = 5-6			
Kidney		Nephropathy	Multifocal, Moderate
		Sarcoma	
Note: [SARCOMA] TGLs = 7-1			
[Nephropathy TGLS = 6-1]			
Liver	Sinusoid	Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Necrosis	Coagulative, Multifocal, Minimal
Note: ANGIECTASIS TGLs = 8,9-4+12			
Lymph Node			
Note: MAND L N: NORMAL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2007	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 11-7			
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2,3,4-10			
Thyroid Gland		C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2008	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Note: KIDNEY CYTOPL ALTERATION= HYALINE DROPLET FORMATION			
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Medulla	Fibrosis	Mild
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Note: MAND L N: NORMAL			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Bilateral, C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2008	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2009	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
Note: ADENOMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2010	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 3-4			
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Note: C O MORB:FIBROADENOMA OF MAMM GL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2011	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 532
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone	Femur	Fibrous Osteodystrophy	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Arteriole, Cecum	Inflammation	Chronic, Moderate
	Arteriole, Cecum	Thrombosis	
Note: CECUM ARTERIOLE LESION =PERIARTERITIS NODOSA			
Kidney		Nephropathy	Multifocal, Marked
Note: C O MORB:CHR PROG NEPHROPATHY			
Note: NEPHROPATHY TGLs = 1-1			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
	Artery	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 2-6+11			
Note: PANCREATIC ARTERY LESION=PERIARTERITIS NODOSA			
Parathyroid Gland		Hyperplasia	Diffuse, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Artery	Inflammation	Chronic, Mild
Note: ARTERY LESION IN TESTES=PERIARTERITIS NODOSA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2011	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 532
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2012	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 1-11			
Heart	Valve	Bacterium	
	Valve	Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
Note: C O DEATH: INFLAMM OF HEART AND LEUKEM MONUC			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2012	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2013	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Myelofibrosis	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
		Schwannoma Benign	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Salivary Glands	Parotid Gl	Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2013	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thymus		Ectopic Parathyroid Gland	
		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2014	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes		Adenoma	
Note: ADENOMA TGLs = 3,4,5-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2015	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Preputial Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-11			
Note: C OF MORB: SKIN FIBROSARC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2016	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Eosinophilic Focus	
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 1-1			
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 4-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2017	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery			
Note: MESENERY NOT PROCESSABLE; NST FOR GROSS LESION			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB:LEUKEM MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2018	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Marked
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Cyst	
Note: ANGIECTASIS TGLs = 3-7			
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2019	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Astrocytoma Benign	
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Ileum	Ulcer	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
Note: LEUKEMIA MONUC TGLs = 3-1			
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Spleen		Leukemia Mononuclear	
	Capsule	Pigmentation	Hemosiderin, Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2019	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PIGMENT TGLs = 1-1			
Note: C O MORB: LEUKEM MONUC & PROGR NEPHROPATHY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2020	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Note: BASOPH FOCUS TGLs = 4-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Granuloma Sperm	Minimal
Note: ATROPHY TGLs = 2-10			
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2021	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mesenteric	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Trachea	Urethra		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Histiocytic Sarcoma	
Brain		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5-5			
Epididymis		Granuloma Sperm	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-4			
Lung		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-2+3			
Lymph Node	Mandibular	Histiocytic Sarcoma	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Histiocytic Sarcoma	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Nervosa	Histiocytic Sarcoma	
Preputial Gland		Inflammation	Chronic, Minimal
Saliv Glands			
Note: NO CORRES LESION FOR NECROPSY OBSERVATION			
Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2021	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2022	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2023	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
	Atrium Lft	Thrombosis	
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 4-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2023	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2024	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2024	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2025	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 1-12			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O DEATH: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2025	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2026	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Minimal
Note: NO CORR LESION FOR NECROPSY OBSERVATION OF LEFT EYE			
Note: CATARACT TGLs = 4-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 5-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2027	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Mineralization	Focal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 4-6			
Note: LEUKEMIA MONUC TGLs = 5-6			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2027	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2028	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-2+3			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: MAND L N EXAMINED ON SLIDE #5			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Skin			
Note: NO CORR LESION FOR SKIN MASS NOTED AT NECROPSY			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2028	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2029	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 543
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 5-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: NO SECTION OF MESENTERIC L N TAKEN: NST			
Note: LEUKEMIA MONUC TGLs = 6-5+7			
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Moderate
Skin			
Note: SKIN EVALUATED ON SECTIONS # 8&9			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2029	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 543
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 3-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2030	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
	Antr Chamber	Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 1-12			
Note: CATARACT TGLs = 2-12			
Heart	Valve	Bacterium	
	Myocardium	Inflammation	Necrotizing, Multifocal, Moderate
	Valve	Inflammation	Chronic Active, Marked
	Valve	Thrombosis	
Note: C O MORB: VEGETATIVE ENDOCARDITIS AND LEUKEMIA MONUC			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Moderate
Note: LEUKEMIA MONUC TGLs = 5,6,7,8,9-4+13+14			
Lung		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2030	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EVALUATED ON SLIDE#6; ATTACHED TO COLON			
Pituitary Gland	Pars Nervosa	Inflammation	Subacute, Multifocal, Mild
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Stomach	Arteriole, Glandular, Submucosa	Thrombosis	
	Glandular	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Caseous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2031	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea		

MISSING

Prostate	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Infarct	Mild
		Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 3-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Rectum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEM MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2031	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
		Necrosis	Marked
Note: NECROSIS TGLs = 1-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2032	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2033	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Islets, Pancreatic			

MISSING

Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Harderian Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Note: LEUKEMIA MONUC TGLs = 2-13			
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 7-14			
Note: MESENTERIC L NODE MISSING AT TRIM; NST			
Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2033	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
Nose	Nares	Leukemia Mononuclear	
	Sinus	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-11			
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2034	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Moderate
Heart	Myocardium	Degeneration	Multifocal, Marked
Kidney		Nephropathy	Multifocal, Mild
Liver	Sinusoid	Angiectasis	Mild
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2035	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Epididymis	Bilateral	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 4-12			
Heart	Myocardium	Degeneration	Multifocal, Marked
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-11			
Mesentery		Mesothelioma Malignant	
Note: MESENTERY INTERPRETED FROM SLIDE #6			
Pancreas		Mesothelioma Malignant	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Marked
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-1			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2035	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral, Tunic	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 3-10			
Note: ADENOMA TGLs = 7-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2036	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-1			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2036	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2037	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOM			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2038	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-7			
Heart	Myocardium	Degeneration	Multifocal, Mild
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 6-1			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-7			
Note: LEUKEMIA MONUC TGLs = 4-11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2038	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2039	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Marked
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Marked
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 2-12			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Note: C O MORB: PITUIT ADENOMA			
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2040	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Intestine Small - Ileum	Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 4-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 3-1			
Liver		Basophilic Focus	
		Fatty Change	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
	Mesenteric, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 5-7			
Note: ECTASIA TGLs = 7-13			
Pancreas	Acinus	Atrophy	Marked
	Duct	Concretion	Marked
	Duct	Ectasia	Marked
[Concretion TGLS = 6-12]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2040	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2041	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart		Leukemia Mononuclear	
Intestine Small	Jejunum	Inflammation	Chronic, Focal, Mild
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2042	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-2			
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2043	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 4-5+7			
Note: LEUKEMIA MONUC TGLs = 6-12			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2043	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2044	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Bilateral, Capsule	Mesothelioma Malignant	
Epididymis		Mesothelioma Malignant	
Note: ONLY ONE EPIDIDYMIS WAS PRESENT ON SLIDES			
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1,2-13			
Intestine Large	Colon	Mesothelioma Malignant	
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Mesothelioma Malignant	
Note: C O MORB: MESOTHELIOMA MAL, MULTIPLE ORGS			
Note: MESOTHELIO MAL TGLs = 4,7-11+12			
Note: MESOTHELIO MAL TGLs = 4,7-6+7+11+12			
Pancreas	Acinus	Atrophy	Minimal
		Mesothelioma Malignant	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 5,6-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2044	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2045	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2046	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Carcinoma	
Note: C O MORB: PREPUTIAL GL CARCINOMA			
Note: CARCINOMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2047	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Ear	External Ear	Inflammation	Chronic Active, Mild
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-12			
Note: C O MORB: MAMMARY GL FIBROADENOMA			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2048	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Granuloma	Marked
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-10			
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2049	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Harderian Gl			
Note: OBSERVATION			
Note: NO CORR LESION FOUND IN HARDERIAN GL FOR NECROPSY			
Heart	Myocardium	Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 7-13			
Preputial Gland		Adenoma	
		Inflammation	Chronic, Minimal
Prostate		Hemorrhage	Marked
Seminal Vesicle		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2049	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 4-10			
Skeletal Muscle	Hindlimb	Inflammation	Subacute, Mild
Note: SKEL MUSCLE OBSERVED ON SLIDE #9			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-12			
Testes	Bilateral, Interstit Cell	Adenoma	
		Necrosis	Marked
Note: NECROSIS TGLs = 3-10			
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2050	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 1-7			
Kidney		Nephropathy	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Polyp	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2051	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Marked
Brain		Astrocytoma Malignant	
Note: C O MORB: ASTROCYTOMA OF BRAIN AND LEULEMIA MONUC			
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Moderate
Liver		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2052	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL		
Adrenal Gland - Cortex	Spleen	
OBSERVATIONS		
Adrenal Gland	Medulla	Pheochromocytoma Benign
Liver		Basophilic Focus
Spleen		
Note: NO CORRESP LESION FOUND FOR SPLENIC ENLARG NOTED AT NECR		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1,2-2		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2053	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla

OBSERVATIONS

Liver		Basophilic Focus
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1,2-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2054	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			
Thyroid Gland	Follicular Cel	Adenocarcinoma	
Note: ADENOCARC TGLs = 3-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2055	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver	Periportal	Vacuolization Cytoplasmic	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOMA			
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2056	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Spleen	Stomach - Forestomach	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Stomach - Glandular	Thyroid Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 3-7			
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Necrosis	Coagulative, Mild
Lung		Congestion	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands	Acinus, Submandibul Gl	Atrophy	Moderate
Skin		Hyperkeratosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O DEATH: UNKNOWN			
Note: ADENOMA TGLs = 1,2-10			
Thymus	Vein	Congestion	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2057	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
	Interstitium	Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 5-2			
Lymph Node			
Note: MAND L N: NORMAL			
Note: NO CORRESP LESION FOR MEDIAST L N ENLARG NOTED AT NECR			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2058	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2059	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Trachea		
AUTO PRECLUDES DIAG.			
Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland
Urinary Bladder			

OBSERVATIONS			
Adrenal Gland	Cortex	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O DEATH: LEUKEMIA MONUC			
Stomach	Glandular	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2059	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2060	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Moderate
	Medulla	Pheochromocytoma Benign	
Epididymis			
Note: NO CORRESP LESION FOR EPIDIDIMAL ENLARGEMT SEEN AT NECR			
Liver	Sinusoid	Angiectasis	Minimal
		Leukemia Mononuclear	
Sem Ves			
Note: NO CORRESP LESION FOR SEMIN VESIC ENLARG SEEN AT NECR			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: ADENOMA TGLs = 3-3			
[Adenoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2061	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 613
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Necrosis	Coagulative, Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-12			
Skin		Inflammation	Necrotizing, Moderate
Note: INFLAMMATION TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2062	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 570
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
	Myocardium	Mineralization	Focal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Note: LEUKEMIA MONUC TGLs = 8-4+13			
Note: ANOM HEPAT LOB TGLs = 7-13			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2062	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 570
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 4-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2063	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye			
Note: NO CORRESPONDING LESION FOR GROSS OBSERVATION OF EYE			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver	Sinusoid	Angiectasis	Focal, Minimal
		Leukemia Mononuclear	
Note: ANGIECTASIS TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2+3			
Lymph Node	Lumbar, Sinus	Ectasia	Marked
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-13			
Note: ECTASIA TGLs = 6-12			
Note: LEUKEMIA MONUC TGLs = 8-2			
[Leukemia Mononuclear TGLS = 5-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2063	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-15			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 9-10			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2064	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2065	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Liver	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Bone	Cranium	Inflammation	Chronic, Focal, Moderate
Note: SITE OF OSTEOMYELITIS IS MAXILLA			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Lung		Congestion	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas		Autolysis	Moderate
Spleen	Red Pulp	Pigmentation	Hemosiderin, Diffuse, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Note: ADENOMA TGLs = 1-10			
Tooth	Peridont Tiss	Inflammation	Chronic Active, Moderate
Note: C O DEATH: INFLAMM OF TOOTH, GUM, MAXILLA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2066	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Atrium Lft	Thrombosis	
Note: THROMBUS TGLs = 3-2			
Liver		Basophilic Focus	
		Clear Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 4-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2067	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 5-11			
Note: LEUKEMIA MONUC TGLs = 4-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2067	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2068	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign
Liver		Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1,2-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2069	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
[Hyperplasia TGLS = 3-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2070	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2071	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla

OBSERVATIONS

Liver		Basophilic Focus
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2072	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Marked
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Note: NO CORRESP LESION FOR MANDIBULAR L N OBS AT NECROPSY: NCL			
Note: NO CORRESP LESION FOR MEDIASTINAL LN OBS AT NECROPSY: NCL			
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-11			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O MORB: UNKNOWN			
Note: ADENOMA TGLs = 1,2-10			
Thymus	Mediastinum	Inflammation	Chronic, Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2073	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Marked
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Hemorrhage	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Note: MAND L N: NORMAL			
Note: INFILTRAT CELL TGLs = 3-11			
Mesentery		Mesothelioma Malignant	
Note: C O MORB: MESOTHELIOMA MALIG, MULTIPLE ORGS			
Note: MESOTHELIO MAL TGLs = 2-7+11+12			
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic Active, Marked
Prostate			
Note: MESOTHELIOMA MLIG IN PROSTATIC CAPSULE			
Spleen	Capsule	Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 4-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2073	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESOTHELIO MAL TGLs = 4-10			
Thyroid Gland	Follicular Cel	Adenocarcinoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2074	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung	Alveolus	Hemorrhage	Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 4-11			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2074	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-10		
Note: ATROPHY TGLs = 2-10		
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2075	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 1-3+7			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2076	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Fatty Change	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-1			
Skin	Subcut Tiss	Osteosarcoma	
Note: [OSTEOSARC] TGLs = 1-2			
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Note: FIBROSIS TGLs = 6-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2077	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-3			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
Note: ANGIECTASIS TGLs = 2-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2078	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Postr Chamber	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 2-11			
Note: EYE INFLAMMATION= PHTHISIS BULBI			
Note: NO CORR LESION FOR GROSS OBS OF YELLOW EYES AT NECROPSY			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Note: LEUKEMIA MONUC TGLs = 3-5+7			
[Leukemia Mononuclear TGLS = 6-12]			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-13			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2078	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 7-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2079	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Leukemia Mononuclear	
Eye			
Note: NO CORRESP LESION FOR YELLOW EYES NOTED AT NECROPSY: NCL			
Harderian Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Infarct	Moderate
		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
[Nephropathy TGLS = 6-1]			
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2079	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 8-12			
Mammary Gland		Hyperplasia	Cystic, Moderate
Preputial Gland		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-13			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 4-10			
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2080	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Adrenal Gland - Medulla

OBSERVATIONS

Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2081	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign
Liver		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 4-1		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 5-1		
Skin		Squamous Cell Papilloma
Note: PAPILLOMA SQUA TGLs = 1-2		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 2-3		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 3-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2082	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2082	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2083	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 1-5			
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2083	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear
Note: HYPERPLASIA TGLs = 3-10		
Skin		Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Note: C O DEATH: LEUKEMIA MONUC		
[Leukemia Mononuclear TGLS = 6-1]		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 5-10		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
Note: ADENOMA TGLs = 4-7		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2084	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND PITUIT ADENOMA			
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2085	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-3			
Liver		Basophilic Focus	
		Clear Cell Focus	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 3-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2086	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Liver	Sinusoid	Angiectasis	Minimal
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-4			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-2			
[Adenoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2087	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2088	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ATROPHY TGLs = 2-2
Note: ADENOMA TGLs = 1-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2089	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 2-5			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2089	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2090	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-2			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2091	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Ductus Deferens	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 4-1			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Duct	Ectasia	Mild
Peripheral Nerve		Schwannoma Malignant	
Note: [SCHWANNOMA MAL] TGLs = 3-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic Active, Moderate
Stomach	Forestomach	Edema	Moderate
	Glandular	Edema	Moderate
	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2091	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-10

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2092	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ADENOMA TGLs = 2-2
Note: ATROPHY TGLs = 1-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2093	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Moderate
Ear	Pinna	Inflammation	Necrotizing, Marked
Note: INFLAMMATION TGLs = 1-11			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND PITUIT ADENOMA			
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2093	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-10

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2094	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Marked
	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Harderian Gl			
Note: HEMORRHAGE PRESENT IN SLIDE IS PROBABLY DUE TO VENIPUNCT			
Note: NO CORRESP LESION FOR HARDER'S GLAND MASS NOTED AT NECROPSY			
Intestine Large	Colon, Lymphoid Nodul	Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2094	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7			
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 3-11			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-13			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2095	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 473
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 8-5			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2095	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 473
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen	Capsule	Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O DEATH: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	Follicle	Dilatation	Focal, Minimal
	C Cell	Hyperplasia	Minimal
Urinary Bladder		Dilatation	Marked
Note: DILATATION TGLs = 6-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2096	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-3			
Note: ADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2097	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Liver		
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2098	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Lymphoid Nodul, Rectum	Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: CO MORB: LEUKEMIA MONUC			
Stomach			
Note: NO CORRESP LESION FOR STOMACH DEFORMITY SEEN AT NECR: NCL			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3-10			
Note: ATROPHY TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2098	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2099	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2100	**TRT#:** 2	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Note: FIBROMA TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O MORB: UNKNOWN			
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland		Cortex	Hyperplasia	Nodular, Moderate
Liver		Sinusoid	Angiectasis	Minimal
			Clear Cell Focus	
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-2			
Thyroid Gland		C Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 340
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Kidney	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Testes	Thymus	Trachea	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Pancreas	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 1-7			
Heart	Myocardium	Degeneration	Multifocal, Mild
Lung		Bacterium	
		Congestion	Moderate
	Alveolus	Hemorrhage	Moderate
Note: OF SAPROPHYTES			
Note: BACTERIA IN LUNG INTERPRETED AS POST-MORTEM PROLIFERATION			
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 2-7			
Note: CONGESTION TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Mild
Testes			
Note: C O DEATH: UNKNOWN			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone	Tibia	Fracture Healed	
Note: FRACT HEALED TGLs = 2-3			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Pituitary Gl			
Note: NO CORRESP LESION FOR PITUITARY FOCUS SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 4-2			
Note: ADENOMA TGLs = 5-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign
[Pheochromocytoma Benign TGLS = 1,2-1]		
Liver		Clear Cell Focus
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3,4-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Atrium Lft	Thrombosis	
Kidney		Nephropathy	Multifocal, Mild
Note: NEPHROPATHY TGLs = 3-1			
Liver		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 8,9-13+14			
Lung	Alveolus	Hemorrhage	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2+3]			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC; L ATRIAL THROMBUS			
Note: LEUKEMIA MONUC TGLs = 7-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 5,6-4+5			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1,2-2			
Note: ATROPHY TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 549
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Lymphoid Nodul, Rectum	Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung	Alveolus	Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 12-2+3			
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
Note: LEUKEMIA MONUC TGLs = 8-12			
Note: LEUKEMIA MONUC TGLs = 11-13			
[Leukemia Mononuclear TGLS = 6-5+7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 549
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6+11			
Preputial Gland		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1,2,3-14+15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 10-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Tissue NOS		Leukemia Mononuclear	
Note: TISSUE NOS IS MOST LIKELY A LYMPH NODE			
Note: LEUKEMIA MONUC TGLs = 9-16			
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Note: C O MORB: LEUKEMIA MONUC; PITUIT ADENOMA; FIBROADENOMA			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2111	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Marked
	Medulla	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium	Dilatation	Moderate
	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Note: C O MORB: CONGESTIVE HEART FAILURE			
Kidney		Nephropathy	Multifocal, Mild
Liver	Sinusoid	Angiectasis	Focal, Minimal
		Basophilic Focus	
Note: NO CORRESP LESION FOR LIVER ENLARGEMT NOTED AT NECROPSY			
Lung			
Note: NO CORRESP LESION FOR LUNG EMPHYSEMA NOTED AT NECROPSY			
Lymph Node	Mesenteric, Sinus	Ectasia	Minimal
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 6-12			
Preputial Gland		Inflammation	Chronic Active, Moderate
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2112	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Spleen		Fibrosis	Focal, Minimal
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2113	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2114	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 630
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small - Duodenum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Thyroid Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 2-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium	Dilatation	Marked
Note: C O DEATH: CONGESTIVE HEART FAILURE			
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Necrosis	Coagulative, Moderate
Lung		Congestion	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2115	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Spleen		Fibrosis	Focal, Moderate
Note: FIBROSIS TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2116	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla		
OBSERVATIONS			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 2-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2117	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-2			
Note: SITE OF SKIN MASS NOT NOTED AT NECROPSY			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-3			
Note: ADENOMA TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2118	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Infarct	Minimal
		Leukemia Mononuclear	
Epididymis		Inflammation	Chronic, Mild
Harderian Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Mild
Liver		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung	Alveolus	Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 4-12			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2118	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2119	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Skin		Inflammation	Granulomatous, Moderate
Note: INFLAMMATION TGLs = 1-2			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-3			
Note: ADENOMA TGLs = 3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2120	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-3			
Note: ATROPHY TGLs = 1-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2121	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 549
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
	Myocardium	Inflammation	Chronic, Focal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2121	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 549
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2122	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ATROPHY TGLs = 1-2
Note: ADENOMA TGLs = 2-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2123	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Thymus	Trachea		

MISSING

Skin

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Minimal
Epididymis	Bilateral	Mesothelioma Malignant	
Note: C O MORB: MESOTHELIOMA MAL, MUTIPLE ORGANS			
Note: MESOTHELIO MAL TGLs = 1,3-11+12+13			
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Mesothelioma Malignant	
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic, Minimal
Prostate			
Note: MESOTHELIOMA MAL PRESENT IN SEROSA OF PROSTATE			
Stomach	Glandular, Serosa	Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 2,4-11+12			
Note: ADENOMA TGLs = 2,4-11+12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2123	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
Urinary Bladder		Mesothelioma Malignant
Note: SITE OF UR BLADDER MESOTHELIOMA IS ACTUALLY URACHUS		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2124	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Liver	Lymph Node	Nose
Parathyroid Gland	Prostate	Skin	Thymus
Trachea			

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Lung		Carcinoma	Metastatic (Uncertain Primary Site)
Note: [CARCINOMA] TGLs = 7,8,9-2+3+11+12			
Note: PRIMARY-SITE IS TESTES			
Lymph Node			
Note: MAND L N: NORMAL			
Note: NO CORRESP LESION FOR GROSS OBSERV OF MAND L N AT NECROPS			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands		Autolysis	Marked
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Atrophy	Marked
	Interstit Cell	Carcinoma	
	Interstit Cell	Hyperplasia	Minimal
Note: [CARCINOMA] TGLs = 5,6-13+14			
Note: ATROPHY TGLs = 4-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2124	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2125	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 331
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Interstit Cell	Hyperplasia	Minimal
Note: C O DEATH: UNKNOWN			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2126	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ADENOMA TGLs = 2-2
Note: ATROPHY TGLs = 1-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2127	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Note: NO CORRESP LESION FOR ATRIAL DILATATION SEEN AT NECR			
Intestine Large	Colon	Diverticulum	Moderate
Note: TO ANY MULLERIAN DUCT REMNANT CAN BE SEEN			
Note: COLONIC DIVERTICULUM RESEMBLES THE DIVERTICULA			
Note: DIVERTICULUM TGLs = 1-2			
Note: WHICH OCCUR IN UTERINE CERVIX, BUT NO ATTACHMENT			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2128	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-2			
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 2-4			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2129	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-4			
Note: ADENOMA TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2130	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 2-1			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2131	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 6-5			
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2131	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2132	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 654
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Myocardium	Inflammation	Chronic, Focal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Marked
	Mediastinal	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 3-2			
Note: HYPERPLASIA TGLs = 2-5+7			
Mammary Gland		Fibroadenoma	
Note: C O MORB: FIBROADENOMA OF MAMMARY GL			
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2133	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Bone Marrow	Femoral	Histiocytic Sarcoma	
Note: C O MORB: HISTIOCYTIC SARCOMA OF BONE MARROW			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,4-4			
Lung		Histiocytic Sarcoma	
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Mesentery			
Note: NO SECTION OF MESENTERY PROCESSED FOR HISTOPATH EXAM:NST			
Pancreas	Acinus	Atrophy	Mild
Note: NO CORR LESION FOR GROSS OBSERV OF PANCREAS AT NECROPSY			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Sem Ves			
Note: NO CORRESP LESION FOR GROSS OBS OF SEM VESIC AT NECROPSY			
Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: HEMA CELL PROL TGLs = 1-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2133	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: NO CORR LESION FOR GROSS OBS OF TESTES AT NECROPSY			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urin Bladder			
Note: NO CORRESP LESION FOR GROSS OBS OF UR BLADDER AT NECROPSY			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2134	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland		Bilateral, Medulla	Pheochromocytoma Benign	
Liver			Basophilic Focus	
		Centrilobular	Cytomegaly	Minimal
Skin		Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 3-2			
Testes		Bilateral, Interstit Cell	Adenoma	
		Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-3			
Note: ATROPHY	TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2135	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-2			
Liver	Sinusoid	Angiectasis	Moderate
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Regeneration	Focal, Moderate
Note: [REGENERATION] TGLs = 6-4			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ADENOMA TGLs = 3-5			
Note: ATROPHY TGLs = 4-5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2136	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3-2			
Note: ATROPHY TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2137	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Marked
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
	Sclera	Mineralization	Multifocal, Mild
	Anterior	Synechia	Moderate
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 2-3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-5			
Tissue NOS		Chemodectoma Benign	
Note: CHEMODECTO BGN TGLs = 5-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2138	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Mineralization	Multifocal, Minimal
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-3			
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-2			
Note: ADENOMA TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2139	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2140	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2141	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Spleen		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC NODULE NOTED AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2142	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2143	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2144	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-2			
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2145	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Dilatation	Moderate
	Myocardium	Inflammation	Chronic, Multifocal, Mild
Note: C O MORB: CONGESTIVE HEART FAILURE; LEUKEMIA MONUC			
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
Note: FIBROSIS TGLs = 8-3			
Lymph Node	Mediastinal, Sinus	Ectasia	Mild
	Mesenteric, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 3-2			
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 4-12			
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hypertrophy	Focal, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Mild
		Thrombosis	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2145	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 9-11		
Spleen		Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 6,7-10		
Thyroid Gland	Bilateral, C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2146	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-4			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Necrosis	Coagulative, Focal, Minimal
Note: [EOSIN FOCUS] TGLs = 3-1			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 4-2			
Note: ADENOMA TGLs = 5-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2147	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 6-1			
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 2-5			
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 5-4			
Liver	Sinusoid	Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Mild
	Centrilobular	Necrosis	Coagulative, Mild
Note: [ANGIECTASIS] TGLs = 7-1+6			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2148	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-1			
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 1-4			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2149	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Note: O MORB: LEUKEMIA MONUC			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2149	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2150	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 654
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR LIVER ENLARGEMENT NOTED AT NECR			
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Moderate
Skin	Subcut Tiss	Fibroma	
Note: C 0 MORB:FIBROMA OF LUMBAR SKIN			
Note: FIBROMA TGLs = 1-11			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT NOTED AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2150	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 654
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2151	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Liver		Basophilic Focus
		Eosinophilic Focus
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2152	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
	Mitral Valve	Thrombosis	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2152	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC AND MITRAL VALVE THROMBUS			
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2153	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Capsule	Leukemia Mononuclear	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Skin		Hyperkeratosis	Minimal
Note: HYPERKERATOSIS TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2154	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Colon	Preputial Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	Follicle	Dilatation	Multifocal, Mild
	C Cell	Hyperplasia	Moderate
Zymbal's Gland		Carcinoma	
Note: CO MORB: ZYMBAL'S GL CARCINOMA AND SCROTAL FIBROSARC			
Note: [CARCINOMA] TGLs = 3-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2155	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 2-10			
Skin	Subcut Tiss	Fibrosarcoma	
Note: [FIBROSARC] TGLs = 1-11+12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2156	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-1			
Liver		Clear Cell Focus	
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-3			
Note: ADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2157	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2158	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2159	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Liver		Clear Cell Focus	
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Moderate
Note: ECTASIA TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-2			
Note: ADENOMA TGLs = 3,4-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2160	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-11			
Note: C O MORB: SKIN FIBROMA AND LEUKEMIA MONUC			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2161	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2161	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2162	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 6-1			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Mild
		Leukemia Mononuclear	
Skin		Acanthosis	Moderate
		Fungus	
		Inflammation	Granulomatous, Marked
Note: INFLAMMATION TGLs = 1-4			
Note: ACANTHOSIS TGLs = 5-5			
Note: FUNGUS TGLs = 1-4			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3-2			
Note: ATROPHY TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2163	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 1,2-1+3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2164	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Capsule	Mesothelioma Malignant	
	Medulla	Pheochromocytoma Malignant	
Bone Marrow	Femoral	Hyperplasia	Moderate
Epididymis		Mesothelioma Malignant	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Rectum	Mesothelioma Malignant	
Intestine Small	Duodenum	Mesothelioma Malignant	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Mesothelioma Malignant	
Mesentery		Mesothelioma Malignant	
Note: C O MORB: MESOTHELIOMA, MULTIPLE ORGS AND LEUKEM MONUC			
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate			
Note: MALIGNANT MESOTHELIOMA PRESENT IN SEROSA OF PROSTATE GL			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2164	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 1-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2165	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Heart	Trachea	
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-3			
Liver		Basophilic Focus	
		Clear Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2166	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 3-4			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Pancreas	Artery	Inflammation	Chronic, Marked
Note: ARTERIAL INFLAMMATION=PERIARTERITIS NODOSA			
Note: INFLAMMATION TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2167	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-10			
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2167	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2168	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Capsule	Mesothelioma Malignant	
Bone Marrow	Femoral	Hyperplasia	Moderate
Epididymis		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 5-14			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
	Capsule	Mesothelioma Malignant	
		Nephropathy	Multifocal, Minimal
[Nephropathy TGLS = 11-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
	Serosa	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 9-4			
Note: LEUKEMIA MONUC TGLs = 10-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Mesentery		Mesothelioma Malignant	
Note: TISSUE NOS IS IDENTIFIED AS MESENTERY			
Note: C O MORB:MESOTHELIOM MAL OF MULTIPLE ORGS, LEUKEM MONUC			
Note: MESOTHELIO MAL TGLs = 6,7-6+7+12+13+14			
Pancreas		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2168	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESOTHELIO MAL TGLs = 8-11			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 3,4-10			
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2169	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 508
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Inflammation	Chronic Active, Multifocal, Mild
Note: C O MORB: CONGESTIVE HEART FAILURE			
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Necrosis	Caseous, Moderate
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
	Artery	Mineralization	Minimal
Note: INFLAMMATION TGLs = 2-2+3			
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Spleen		Fibrosis	Diffuse, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2170	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 8-1			
Kidney		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-5			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-1			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-3			
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 2-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3,6-4			
Note: ATROPHY TGLs = 7-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2171	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign
Note: PHEOCHROM BGN TGLs = 4-1		
Liver		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-1]		
Pituitary Gland	Pars Distalis	Cyst
[Cyst TGLS = 5-1]		
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-2]		
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2172	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland	Bone	Brain	Epididymis
Esophagus	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
AUTO PRECLUDES DIAG.			
Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Stomach - Glandular	Thyroid Gland	Urinary Bladder
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Coagulative, Moderate
Note: NECROSIS TGLs = 4,5-4+11			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O DEATH: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: ADENOMA TGLs = 3-10			
Note: ATROPHY TGLs = 2-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2173	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Testes	Interstit Cell	Adenoma	
Note: ONE TESTIS MISSING AT TRIM			
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2174	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone			
Note: NO CORRESP LESION FOR TIBIA DEFORMITY NOTED AT NECROPSY			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2175	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Atrium Lft	Thrombosis	
Intestine Large	Cecum	Inflammation	Chronic, Focal, Mild
Note: INFLAMMATION TGLs = 5-6			
Intestine Small	Ileum	Inflammation	Necrotizing, Mild
Note: INFLAMMATION TGLs = 6-6			
Kidney		Nephropathy	Multifocal, Marked
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Ulcer	Marked
Note: ULCER TGLs = 3,4-6+11			
Note: C O MORB: STMACH ULCER; INFLAMMATION OF CECUM AND ILEUM			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-10			
Note: ADENOMA TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2175	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2176	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Jejunum	Thyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-11			
Note: POSTERIOR CHAMBER INFLAMMATION=PHTHISIS BULBI			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Note: NEPHROPATHY TGLs = 7-1			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5,6-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2176	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2177	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Marked
Note: ECTASIA TGLs = 3-2			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT NOTED AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2178	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-1			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-2			
Note: ATROPHY TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2179	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 571
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 3-11]			
Stomach			
Note: LEUKEMIA MONUC PRESENT IN OMENTUM			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2180	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2181	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
[Necrosis TGLS = 5-1]			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Pituitary Gland		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR PITUITARY FOCUS NOTED AT NECROPSY			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3-4			
Note: ATROPHY TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2182	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 3-3			
Note: ATROPHY TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2183	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Clear Cell Focus	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ATROPHY TGLs = 1-2
Note: ADENOMA TGLs = 2-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2184	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign
Liver		Clear Cell Focus
Skin		Squamous Cell Papilloma
Note: PAPILLOMA SQUA TGLs = 1-2		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 2,3-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2185	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	

OBSERVATIONS

Liver		Leukemia Mononuclear
Skin		Squamous Cell Papilloma
Note: PAPILLOMA SQUA TGLs = 1,2-2+3		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 3-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2186	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
Note: DEGEN TGLs = 5-1+3+4			
Note: HEPATOCLR CARC TGLs = 4-3			
[Leukemia Mononuclear TGLS = 3-1+3+4]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2187	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 11-7			
Bone Marrow	Femoral	Hyperplasia	Marked
Heart	Atrium Lft	Thrombosis	
Note: THROMBUS TGLs = 2-4			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 9-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung	Alveolus	Hemorrhage	Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 3-2			
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: ECTASIA TGLs = 6-11			
Note: LEUKEMIA MONUC TGLs = 5-2			
Note: LEUKEMIA MONUC TGLs = 4-7			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2187	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 8-12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 10-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Tongue		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-13			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2188	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Inflammation	Necrotizing, Mild
	Medulla	Inflammation	Necrotizing, Mild
Heart	Myocardium	Degeneration	Multifocal, Marked
Note: C O DEATH: CONGESTIVE HEART FAILURE			
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Hemorrhage	Marked
Lung	Alveolus	Hemorrhage	Moderate
Lymph Node	Mediastinal, Sinus	Ectasia	Marked
	Mandibular	Inflammation	Necrotizing, Mild
Note: ECTASIA TGLs = 3-2			
Note: INFLAMMATION TGLs = 1-5+7			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 4-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2189	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

Note: ATROPHY TGLs = 2-2
Note: ADENOMA TGLs = 1-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2190	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 626
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lacrimal Gland	Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Note: NO CORRESP LESION FOR OBSERVATION OF ATRIA AT NECROPSY			
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MANDIBULAR L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2191	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Atrium Lft	Thrombosis	
Note: C O MORB: CONGESTIVE HEART FALURE (ATRIAL THROMBUS)			
Note: THROMBUS TGLs = 4-4			
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Necrosis	Coagulative, Minimal
Lymph Node			
Note: NO CORRESP LESION FOR ENLARGED, FIRM, RED			
Note: MEDIAST LYMPH NODE NOTED AT NECROPSY			
Note: MAND L N: NORMAL			
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Adenoma	
Tissue NOS	Abdominal	Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 1-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2192	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-3			
Liver		Basophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2193	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung	Alveolus	Hemorrhage	Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 3-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Preputial Gland		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2194	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 3-1]			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND PITUIT ADENOMA			
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2195	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lung			
Note: MESOTHELIOMA PRESENT IN VISCERAL PLEURA OF LUNG			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Basal Cell Adenoma	
		Keratoacanthoma	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2196	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Liver		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2197	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 4-1]			
Liver			
Note: NO CORRESP LESION FOR LIVER CAPSULE FOCI NOTED AT NECR			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOMA AND FORESTOMACH ULCER			
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2198	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
Brain	Hypothalamus	Compression	Marked
Kidney		Nephropathy	Multifocal, Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOMA			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Urinary Bladder	Mucosa	Inflammation	Proliferative, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2199	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Hemangiosarcoma	
		Inflammation	Chronic, Mild
Note: C O MORB: FIBROMA OF INGUINAL SKIN			
Note: FIBROMA TGLs = 1-12			
Note: INFLAMMATION TGLs = 2-11			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2200	**TRT#:** 4	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION=PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2201	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-2			
Spleen		Fibrosis	Focal, Minimal
Note: FIBROSIS TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2202	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium Lft	Thrombosis	
Note: C O MORB: ATRIAL THROMBUS			
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 1-10			
Note: ADENOMA TGLs = 2-10			
Thymus		Thymoma Benign	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2203	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Note: LEUKEMIA MONUC TGLs = 6-2			
Note: LEUKEMIA MONUC TGLs = 7-11			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Note: C O MORB:LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2203	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-10			
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2204	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Epididymis	Esophagus
Lung	Nose	Prostate	Skin
Spleen	Thymus	Trachea	
MISSING			
Lymph Node	Parathyroid Gland	Salivary Glands	Thyroid Gland
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-7			
Brain	Artery	Bacterium	
Heart	Valve	Bacterium	
	Myocardium	Degeneration	Multifocal, Moderate
	Valve	Thrombosis	
Note: NEPHRITIS AND ENCEPHALITIS			
Note: C O DEATH: VEGETATIVE ENDOCARDITIS; EMBOLIC			
Kidney	Renal Tubule	Bacterium	
		Inflammation	Necrotizing, Multifocal, Marked
Liver	Centrilobular	Necrosis	Coagulative, Marked
Lymph Node			
Note: MAND L N: MISSING			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2205	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2206	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6,7-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2207	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla

OBSERVATIONS

Epididymis		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Atrium Lft	Thrombosis	
Note: THROMBUS TGLs = 1-4			
Intestine Large	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lung		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Skeletal Muscle	Abdominal	Leukemia Mononuclear	
Skin		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2207	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2208	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
	Sclera	Mineralization	Multifocal, Mild
Note: CATARACT TGLs = 2-2			
Note: POSTERIOR CHAMBER INFLAMMATION =PHTHISIS BULBI			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2209	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Epididymis		Granuloma Sperm	Minimal
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-12			
Note: LEUKEMIA MONUC TGLs = 7-2			
Note: LEUKEMIA MONUC TGLs = 3-5+11			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Mild
Note: ARTERIAL INFLAMM=PERIARTERITIS NODOSA			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-13			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2209	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY TGLs = 1-10			
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2210	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 4-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-2			
Note: ADENOMA TGLs = 1,3-2			
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 5-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2211	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Moderate
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 2-4			
Liver		Basophilic Focus	
		Clear Cell Focus	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 4-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2212	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 1-2
Note: NO CORRESP LESION FOR SMALLNESS OF
Note: LEFT TESTICLE OBSERVED AT NECROPSY

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2213	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone	Femur	Osteopetrosis	Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Skin	Dermis, Epidermis, Tail	Bacterium	
	Tail	Necrosis	Coagulative, Diffuse, Marked
Note: NECROSIS TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2213	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3,4-10		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2214	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-4			
Tongue		Cyst	
Note: CYST TGLs = 4-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2215	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Keratoacanthoma	
Note: C O MORB: KERATOACANTHOMA OF THORACIC SKIN			
Note: KERATOACANTHMA TGLs = 1-11			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARG NOTED AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2216	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Lung	Alveolus	Hemorrhage	Multifocal, Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 7-6			
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-4			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6-2+3			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ADENOMA TGLs = 4-5			
Note: ATROPHY TGLs = 2-5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2217	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
		Infarct	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Lung	Alveolus	Hemorrhage	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOMA			
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2218	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Ear	Pinna	Inflammation	Necrotizing, Marked
Note: INFLAMMATION TGLs = 1-3			
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-4			
Liver	Sinusoid	Angiectasis	Mild
		Basophilic Focus	
		Mixed Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 4-2			
Note: ADENOMA TGLs = 3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2219	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-4			
Tongue		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2220	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Islets, Pancreatic	Kidney	Lung
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Cecum	Mesothelioma Malignant	
	Colon	Mesothelioma Malignant	
	Rectum	Mesothelioma Malignant	
Intestine Small	Duodenum	Mesothelioma Malignant	
	Ileum	Mesothelioma Malignant	
	Jejunum	Mesothelioma Malignant	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mediastinal, Mesenteric	Mesothelioma Malignant	Metastatic (Mesentery)
Note: MAND L N: NORMAL			
Note: MESOTHELIO MAL TGLs = 5-13			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 2,3-11+13			
Note: C O MORB: MESOTHELIOMA, MULTIPLE ORGANS			
Pancreas		Mesothelioma Malignant	
Prostate			
Note: MESOTHELIOM MALIG PRESENT ON SEROSAL SURFACE OF PROSTATE			
Spleen	Capsule	Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2220	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Bilateral, Tunic	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 4-10+12			
Note: ADENOMA TGLs = 4-10+12			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2221	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Capsule	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2221	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2222	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 487
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Esophagus	Lung
Nose	Skin	Trachea	
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney	Transit Epithe	Carcinoma	
		Hemorrhage	Focal, Marked
Note: C O MORB: HEMORRHAGE FROM RENAL NEOPLASM			
Note: CARCINOMA TGLs = 1-11			
Lymph Node			
Note: MAND L N: AUTOLYSIS PRECL DIAGN			
Preputial Gland		Autolysis	Diffuse, Moderate
		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Autolysis	Diffuse, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2223	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Abscess	Moderate
Note: C O MORB: BRAIN ABSCESS; FIBROMA OF SKIN OF RT HINDLIMB			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 4-11			
Note: MASS ON FACE COULD NOT BE FOUND AT TRIM			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Adenoma	
Note: ADENOMA TGLs = 2-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2224	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 4-1			
Pancreas	Duct	Ectasia	Marked
	Artery	Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 3-4			
Note: ARTERIAL INFLAMM=PERIARTERITIS NODOSA			
Spleen		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR SLENIC ENLARGMT NOTED AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2225	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUITARY ADENOMA			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2226	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 3-1			
Liver		Fatty Change	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOMA			
Preputial Gland		Inflammation	Chronic, Moderate
Stomach	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2227	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-5+7			
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 5-7			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2227	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2228	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Liver		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 2-3			
Note: LEUKEMIA MONUC TGLs = 3-1+3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2229	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA TGLs = 1-2			
Liver	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2230	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
	Sclera	Mineralization	Multifocal, Mild
Note: POSTERIOR CHAMBER INFLAMM=PHTHISIS BULBI			
Note: CATARACT TGLs = 2-2			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic, Marked
Note: ECTASIA TGLs = 1-4			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY TGLs = 3-3			
Note: ADENOMA TGLs = 4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2231	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye	Lens Capsule	Cataract	Mild
Note: CATARACT TGLs = 1-2			
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2232	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Brain	Ventricle	Hydrocephalus	Moderate
	Cerebellum, Neuron	Necrosis	Focal, Minimal
Note: C O MORB: HYDROCEPHALUS; RENAL PELVIC INFLAMMATION;			
Note: HYDROCEPHALUS TGLs = 1-5			
Note: LEFT ATRIAL DILATATION; JEJUNAL INFLAMMATION			
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium	Dilatation	Marked
Note: DILATATION TGLs = 6-4			
Intestine Small	Jejunum, Peyers Patch	Inflammation	Suppurative, Mild
Kidney	Pelvis	Inflammation	Suppurative, Moderate
		Nephropathy	Multifocal, Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 8-11			
Note: NO CORRESP LESION FOR MAND L NODE ENLARGMT NOTED AT NEC			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Prostate			
Note: SITE OF PROSTATIC INFLAMMATION IS ACTUALLY AMPULLARY GL			
Spleen		Fibrosis	Focal, Moderate
Note: FIBROSIS TGLs = 2-12			
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2232	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-10			
Note: ONE TESTIS (PROBABLY RIGHT TESTIS) MISSING			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Lamina Propria	Edema	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2233	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-7			
Bone Marrow	Femoral	Hyperplasia	Marked
Brain		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Rectum	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 6-1			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 3-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Note: LEUKEMIA MONUC TGLs = 5-11			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2233	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND STOMACH ULCER			
Note: LEUKEMIA MONUC TGLs = 4-12			
Stomach	Glandular, Mucosa	Mineralization	Multifocal, Minimal
	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 9-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2234	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Marked
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate			
Note: SITE OF PROSTATIC INFLAMMATION ACTUALLY IS AMPULLARY GL			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2235	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Islets, Pancreatic	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Tissue NOS
Trachea	Urinary Bladder		
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular	Thyroid Gland
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone		Osteosarcoma	
Note: [OSTEOSARC] TGLs = 2-11			
Bone Marrow	Femoral	Hyperplasia	Mild
Ear	Middle Ear	Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Eosinophilic Focus	
Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2236	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Peripheral Nerve		Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 2-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2237	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: NO CORRESP LESION FOR ENLARGED MAND L N NOTED AT NECROPSY			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-3			
Note: ADENOMA TGLs = 3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2238	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver		Fatty Change	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Forestomach	Ulcer	Marked
Testes	Interstit Cell	Adenoma	
Thyroid Gland	Follicle	Dilatation	Multifocal, Mild
	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2239	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 3-1]			
Liver		Fatty Change	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7+11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA; STOMACH ULCER			
Note: ADENOMA TGLs = 4-7			
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked
Note: ECTASIA TGLs = 5-10			
Stomach	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2240	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 4-1]			
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2240	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2241	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Vertebra	Osteosarcoma	
Note: C O MORB: OSTEOSARC OF VERTEBRA			
Note: OSTEOSARC TGLs = 4-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-10			
Note: ATROPHY TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urin Bladder			
Note: NO CORRESP LESION FOR UR BLAD WALL THICKEN NOTED AT NECR			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2242	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 626
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Necrosis	Coagulative, Diffuse, Marked
	Medulla	Necrosis	Coagulative, Diffuse, Marked
Bone Marrow	Femoral	Histiocytic Sarcoma	
Note: C O MORB: HISTIOCYTIC SARCOMA			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 7,8-4+11			
Lung		Histiocytic Sarcoma	
Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-5+7			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Moderate
Skin	Subcut Tiss	Edema	Marked
Note: [EDEMA] TGLs = 1-12			
Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-13			
Note: HEMA CELL PROL TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2242	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 626
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5,6-10

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2243	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-2			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-3			
Note: ATROPHY TGLs = 1-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2244	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Regeneration	Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2245	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Salivary Glands	Skin
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
[Nephropathy TGLS = 9-1]			
Liver		Leukemia Mononuclear	
		Regeneration	Multifocal, Marked
Note: LEUKEMIA MONUC TGLs = 10-4+14			
Note: REGENERATION TGLs = 11-14			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-13			
Note: LEUKEMIA MONUC TGLs = 4-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2245	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH NODE IDENTIFIED AT NECROPSY AS MESENTERIC WAS			
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: AS RENAL WAS IN FACT A MESENTERIC LYMPH NODE			
Note: ACTUALLY PANCREATIC; NODE IDENTIFIED AT NECROPSY			
Mammary Gland		Hyperplasia	Cystic, Mild
	Inguinal	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 6-12			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 7-10			
Note: ATROPHY TGLs = 8-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2246	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2247	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-1			
Liver	Sinusoid	Angiectasis	Minimal
		Leukemia Mononuclear	
		Regeneration	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 6-1			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-5			
[Atrophy TGLS = 4-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2248	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
	Endocardium	Proliferation	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB TGLs = 4-11			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2248	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2249	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 426
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

AUTO PRECLUDES DIAG.

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Myelofibrosis	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O DEATH: LEUKEMIA MONUC			
Testes	Interstit Cell	Adenoma	
Urinary Bladder		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 2-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2250	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Liver	Sinusoid	Angiectasis	Minimal
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1+3			
Note: [HEPATOCLR ADEN] TGLs = 1-1+3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2251	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Epididymis		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 5-2			
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Regeneration	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 4-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 2,3-3			
Note: MESOTHELIO MAL TGLs = 2,3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2252	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2253	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: C O MORB: UNKNOWN			
Note: ATROPHY TGLs = 3-10			
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2254	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 533
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-11			
Note: C O MORB: HEMAGIOSARCOMA OF SKIN AND LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2255	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 243
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Thyroid Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Fatty Change	Minimal
Lung		Congestion	Marked
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes			
Note: C O DEATH: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2256	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Lung	Nose
Parathyroid Gland	Prostate	Skin	Spleen
Thymus	Trachea		
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Pancreas	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Necrosis	Coagulative, Multifocal, Mild
Lymph Node			
Note: MAND L N: AUTOLYSIS PRECL DIAG			
Pituitary Gl			
Note: NO CORRESP LESION FOR PITUITARY FOCUS NOTED AT NECR			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O MORB: UNKNOWN			
Note: ADENOMA TGLs = 1-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2257	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Note: C O MORB: UNKNOWN			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Metaplasia	Squamous, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2258	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2259	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 1,3-2

Note: NO CORRESP LESION FOR SMALLNESS OF RIGHT TESTICLE

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2260	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 6-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Note: LEUKEMIA MONUC TGLs = 2-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2260	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2261	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney	Transit Epithe	Carcinoma	
		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MANDIBULAR L N: NORMAL			
Note: INGUINAL L N: NORMAL			
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Prostate		Granuloma	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: C O MORB: PREPUTIAL GL CARCINOMA			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2262	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Hypertrophy	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1,3-2			
Note: ATROPHY TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2263	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2264	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 501
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis		Mesothelioma Malignant	
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Mesothelioma Malignant	
	Rectum	Mesothelioma Malignant	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 1-6+11			
Note: C O MORB: MALGN MESOTHELIOMA OF MULTIPLE ORGANS			
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic, Minimal
Prostate			
Note: MESOTHELIOMA MALIGN PRESENT IN SEROSA OF PROSTATE			
Spleen	Capsule	Mesothelioma Malignant	
Stomach	Forestomach	Mesothelioma Malignant	
Testes	Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2264	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 501
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2265	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2266	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 307
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Thyroid Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 1-7			
Note: C O DEATH: PHEOCHROMOCYTOMA MALIGN			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Congestion	Mild
Lung		Congestion	Moderate
		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic, Minimal
Note: ARTERIAL INFLAMM= PERIARTERITIS NODOSA			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2267	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Ear	Pinna	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O MORB: UNKNOWN			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2268	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic, Moderate
Note: ARTERIAL INFLAMM=PERIARTERITIS NODOSA			
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: HYPERPLASIA TGLs = 2-12			
Spleen		Hemangiosarcoma	
Note: C O MORB: HEMANGIOSARC OF SPLEEN			
Note: HEMANGIOSARC TGLs = 1-11+13			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2269	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Atrium Lft	Thrombosis	
[Degeneration TGLS = 1-4]			
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-1			
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Acute, Mild
Note: RTERIAL INFLAMM= PERIARTERITIS NODOSA			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: C O MORB: UNKNOWN			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2269	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 4-10			
Note: ADENOMA TGLs = 3,5-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2270	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Ear	Pinna	Basosquamous Tumor Benign	
Note: BASOSQU TM BGN TGLs = 1-2			
Eye		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-3			
Kidney	Renal Tubule	Cyst	
		Nephropathy	Multifocal, Moderate
Note: CYST TGLs = 5-6			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 3-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-5			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2271	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
		Necrosis	Focal, Mild
Note: C O MORB: LEUKEMIA MONUC			
Note: NECROSIS TGLs = 4-11			
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2271	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2272	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 3-2			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2273	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium Lft	Thrombosis	
Intestine Large	Cecum	Leukemia Mononuclear	
	Rectum	Ulcer	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR LIVER FOCUS SEEN AT NECROPSY			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2273	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2274	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Intestine Small	Ileum	Ulcer	Moderate
Note: ULCER TGLs = 3-2			
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2275	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 4-7			
Pituitary Gl			
Note: NO CORRESP LESION FOR PITUITARY FOCI SEEN AT NECROPSY			
Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
Note: ECTASIA TGLs = 2-10			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Note: C O MORB: UNKNOWN			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 5-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2276	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2277	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 630
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Lung
Lymph Node	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Thymus	Trachea
MISSING			
Pituitary Gland			
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Pancreas	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	
OBSERVATIONS			
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O DEATH: UNKNOWN			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2278	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N:NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O MORB: UNKNOWN			
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2279	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2280	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Stomach - Glandular			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Small	Ileum	Inflammation	Necrotizing, Marked
Note: 1991 CONVERSION DISCREPANCY ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Note: INFLAMMATION TGLs = 2-11			
Kidney		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 4-1]			
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 3-12			
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Mild
Note: MAND L N: NORMAL			
Note: INFILTRAT CELL TGLs = 1-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O DEATH: PITUIT ADENOM; NECROTIZING INFL OF JEJUNUM			
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2280	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Urin Bladder
Note: MUCOSA IS DUE TO AUTOLYSIS AND NOT A LESION
Note: FOCAL LOSS OF EPITHELIUM IN UR BLADDER

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2281	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 6-7			
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR HEART OBSERVATION AT NECROPSY:NCL			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2281	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2282	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
		Regeneration	Focal, Minimal
Lung	Interstitium	Hemorrhage	Chronic, Multifocal, Mild
	Interstitium	Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 6-12			
Note: LEUKEMIA MONUC TGLs = 7-11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2282	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-13			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: ATROPHY TGLs = 4-10			
Note: ADENOMA TGLs = 3-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2283	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Stomach - Glandular	Thyroid Gland
Urinary Bladder			
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Fatty Change	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O DEATH: UNKNOWN			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2284	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 2-1+3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2285	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Ear	Pinna	Acanthosis	Minimal
Note: [ACANTHOSIS] TGLs = 1-2			
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Note: ANGIECTASIS TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2286	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Bilateral, Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: ATROPHY TGLs = 2-3			
Note: ADENOMA TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2287	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 410
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Kidney	Liver	Lung
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Trachea
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	
OBSERVATIONS			
Epididymis		Mesothelioma Malignant	
Heart	Myocardium	Degeneration	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Sarcoma	
Note: SARCOMA TGLs = 1-11			
Note: C O DEATH: SARCOMA OF SPLEEN			
Testes	Interstit Cell	Hyperplasia	Mild
	Bilateral, Tunic	Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2288	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: NO CORRESP LESION FOR MEDIAST L N ENLARG NOTED AT NECR			
Note: MAND L N: NORMAL			
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-12			
Nose	Sinus	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Note: C O MORB: ZYMBAL'S GLAND CARCINOMA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2289	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2290	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Small - Duodenum
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Trachea
Urinary Bladder			

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Glandular		

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-11			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: C O DEATH: UNKNOWN			
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2291	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-1]			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Note: [EOSIN FOCUS] TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 2-2			
Note: ATROPHY TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2292	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-2			
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2293	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 518
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PIYUIT ADENOMA			
Preputial Gland		Inflammation	Chronic, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Stomach	Epithelium, Forestomach	Acanthosis	Diffuse, Mild
Note: [ACANTHOSIS] TGLs = 4-6			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2294	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Mild
Note: CATARACT TGLs = 2-2			
Note: POSTERIOR CHAMBER INFLAMM=PHTHISIS BULBI			
Liver		Basophilic Focus	
Skin		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2295	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
Lung			
Note: C O MORB: FIBROADENOM OF THORAC MAMM GL			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Sarcoma	
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 6-10			
Note: ATROPHY TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2295	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2296	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 5-2			
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1,2-4+5			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-3			
Note: ADENOMA TGLs = 4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2297	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Islets, Pancreatic		Carcinoma	
Note: [CARCINOMA] TGLs = 1-11			
Note: C O MORB: PANCREATIC ISLET CARCINOMA_			
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gl			
Note: NO SECTION OF PITUITARY TAKEN: NST			
Preputial Gland		Inflammation	Chronic, Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2298	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2299	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2300	**TRT#:** 6	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Liver	Sinusoid	Angiectasis	Minimal
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: NO CORRESP LESION FOR SMALLNESS OF RT TESTICLE AT NECR			
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2301	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC [Leukemia Mononuclear TGLS = 1-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2302	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Rectum	Nose	Parathyroid Gland
Salivary Glands	Trachea	Urinary Bladder	

MISSING

Islets, Pancreatic	Thymus

OBSERVATIONS

Adrenal Gland	Capsule	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver	Serosa	Inflammation	Chronic, Multifocal, Minimal
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 2,3-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Note: LEUKEMIA MONUC TGLs = 5,6-11+13			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Nervosa	Inflammation	Chronic, Moderate
Preputial Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2302	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Leukemia Mononuclear	
Skeletal Muscle	Abdominal	Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Forestomach	Hyperkeratosis	Marked
	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2303	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pituitary Gland	Skin	Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-15			
Note: LEUKEMIA MONUC TGLs = 1-5+14			
Note: LEUKEMIA MONUC TGLs = 9-11			
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: LEUKEMIA MONUC TGLs = 9-11			
Note: LEUKEMIA MONUC TGLs = 1-5+14			
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: LEUKEMIA MONUC TGLs = 4-15			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Parathyroid Gland		Leukemia Mononuclear	
Preputial Gland	Duct	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2303	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear
Note: ECTASIA TGLs = 8-10		
Prostate		Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Note: C O MORB: LEUKEMIA MONUC		
Note: LEUKEMIA MONUC TGLs = 6-13		
Stomach	Forestomach	Leukemia Mononuclear
	Glandular	Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 7-10		
Thyroid Gland	C Cell	Adenoma
		Leukemia Mononuclear
Urinary Bladder		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2304	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
	Medulla	Pheochromocytoma Benign	
Eye	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 3-11			
Heart	Ventricl Lft	Schwannoma Benign	
	Atrium Lft	Thrombosis	
Note: SCHWANNOMA BGN TGLs = 2-4			
Note: THROMBUS TGLs = 1-4			
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Nervosa	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2305	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Artery	Inflammation	Chronic, Marked
Note: ARTERIAL INFLAM= PERIARTERITIS NODOSA			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen			
Note: NO CORR LESION FOR OBSERVATION OF SPLEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2306	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Parathyroid Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Lymph Node	Renal, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: ECTASIA TGLs = 4-12			
Note: HYPERPLASIA TGLs = 3-5+7			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Nodular, Minimal
Tooth	Molar	Adamantinoma Benign	
	Gingiva	Inflammation	Necrotizing, Moderate
Note: ADAMANTIN BGN TGLs = 5-9+13			
Note: TOOTH NEOPLASM APPEARS TO BE AMELOBLASTIC ODONTOMA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2307	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Nose	Pancreas	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

MISSING

Parathyroid Gland	Pituitary Gland	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-7			
Heart		Carcinoma	Metastatic (Uncertain Primary Site)
	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 6-1			
Lung		Carcinoma	Metastatic (Thyroid Gland)
Lymph Node	Deep Cervical, Mandibular, Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
	Mesenteric	Giant Cell	Mild
Note: GIANT CELL TGLs = 5-11			
Note: CARCINOMA TGLs = 4-2+13			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: HYPERPLASIA TGLs = 1-10			
Skin	Sebaceous Gl	Hyperplasia	Mild
Note: SEBACEOUS GL DILATATION IS IN THE GLANDULAR DUCT			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2307	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: C CELL CARC OF THYROID GL
Note: CARCINOMA TGLs = 8-12

Trachea	Lamina Propria	Carcinoma	Metastatic (Thyroid Gland)
	Lamina Propria	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2308	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 4-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lymph Node			
Note: NO CORR LESION FOR GROSS OSERVATION OF MAND L N			
Note: AT NECROPSY; MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
		Necrosis	Mild
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Diffuse, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOM AND CHR PROGR NEPHROPATHY			
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2308	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2309	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Fibrosis	Marked
	Mesenteric	Metaplasia	Osseous, Focal, Mild
	Mesenteric	Thrombosis	
Note: MAND L N: NORMAL			
Note: THROMBUS AND GRANULATION TISSUE			
Note: FIBROSIS TGLs = 3-11			
Note: MES L N LESION CONSISTENT WITH ORGANIZED			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2310	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Kidney		Nephropathy	Multifocal, Marked
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2311	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
	Atrium	Dilatation	Marked
Note: NO CORR LESION FOR YELLOW ATRIAL FOCI SEEN AT NECROPS			
Note: DILATATION TGLs = 2-4			
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2311	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2312	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 2,3-7			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Note: C O MORB: CHRONIC PROGRESSIVE NEPHROPATHY			
Note: NEPHROPATHY TGLs = 1-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Note: EOSIN FOCUS TGLs = 4-4			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Moderate
Salivary Glands	Parotid Gl	Hyperplasia	Lobular, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2313	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Minimal
Note: ECTASIA TGLs = 1-10			
Note: PREP GL DUCT ECTASIA EXAMINED ON SLIDE 3 10			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2314	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Mild
Note: POSTERIOR CH INFLAMM= PHTHISIS BULBI			
Note: CATARACT TGLs = 1-11			
Note: INFLAMMATION TGLs = 2-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Artery	Inflammation	Chronic, Mild
Note: ARTERIAL INFLAMM- PERIARTERITIS NODOSA			
Parathyroid Gland		Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2315	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 515
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 1-11			
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gl			
Note: NO CORR LESION FOR GROSS OBSERVATION OF PITUIT GL			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Marked
Note: C O MORB: UNKNOWN			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Dilatation	Marked
Note: DILATATION TGLs = 2-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2316	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Marked
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands	Arteriole	Thrombosis	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thymus	Arteriole	Inflammation	Chronic, Minimal
	Arteriole	Thrombosis	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2317	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	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
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Skin	Thymus

OBSERVATIONS

Epididymis		Granuloma Sperm	Moderate
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 3-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Note: MIXED CL FOCUS TGLs = 4-4			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2318	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 5-1]			
Liver		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-7			
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2319	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Islets, Pancreatic

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2320	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain	Thrd Ventrcl	Hydrocephalus	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Atrium	Dilatation	Moderate
Note: DILATATION TGLs = 2-12			
Note: C O MORB: CONGESTIVE HEART FALURE, CHR PROGR NEPHROPATH			
Kidney		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 6-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Note: DEGEN TGLs = 4-4			
Lung	Interstitium	Inflammation	Chronic, Diffuse, Mild
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 3-2			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2320	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 696
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2321	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Note: LEUKEMIA MONUC TGLs = 2-2			
[Leukemia Mononuclear TGLS = 1-5+7]			
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2321	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 4-11			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2322	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 3-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2323	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 4-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Note: EOSIN FOCUS TGLs = 3-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Acanthosis	Moderate
Note: [ACANTHOSIS] TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2324	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	
MISSING			
Adrenal Gland - Cortex	Adrenal Gland - Medulla		
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2325	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY TGLs = 1-10			
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2326	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Preputial Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum

OBSERVATIONS

Bone	Femur, Left	Osteosarcoma	
Note: C O DEATH: OSTEOSARCOMA OF L FEMUR			
Note: OSTEOSARC TGLs = 1-11			
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2327	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Prostate	Salivary Glands	Skin	Spleen
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Marked
Note: C O MORB: CHR PROGR NEPHROPATHY			
Note: NEPHROPATHY TGLs = 1-1			
Liver		Basophilic Focus	
		Fatty Change	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Parathyroid Gland		Hyperplasia	Diffuse, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2328	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N :NORMAL			
Note: NO CORR LESION FOR GROSS OBS OF MES L N AT NECROPSY			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2329	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Eye			
Note: NO CORR LESION FOR GROSS OBSERVATION OF EYES			
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 6-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-13			
Note: LEUKEMIA MONUC TGLs = 5-6			
Note: LEUKEMIA MONUC TGLs = 3-2			
[Leukemia Mononuclear TGLS = 2-5+7]			
Mammary Gland		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2329	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 4-12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 9-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2330	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 475
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Note: C O MORB: UNKNOWN			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2331	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-2			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2332	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 9-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 5-1]			
Liver		Hepatocellular Adenoma	
		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
		Regeneration	Multifocal, Mild
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Note: ALV BRON ADEN TGLs = 1-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2332	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Parotid Gl	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6,7-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2333	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 5-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Small	Ileum	Ulcer	Mild
Kidney		Nephropathy	Multifocal, Moderate
Lymph Node	Mandibular	Carcinoma	Metastatic (Skin)
	Mesenteric, Sinus	Ectasia	Moderate
	Renal, Sinus	Ectasia	Minimal
Note: ECTASIA TGLs = 6-12			
Note: ECTASIA TGLs = 4-13			
Note: CARCINOMA TGLs = 3-5+7			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked
Note: ADENOMA TGLs = 1-10			
Note: HYPERPLASIA TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Tissue NOS		Carcinoma	
Note: UNKNOWN PRIMARY SITE			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2333	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2334	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-7			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Skin		Inflammation	Necrotizing, Moderate
Note: INFLAMMATION TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2334	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2335	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2336	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 490
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2337	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 209
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: C O MORB: HEMANGIOSARCOMA OF SKIN			
Note: HEMANGIOSARC TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2338	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4,5-7			
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 6-1			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Leukemia Mononuclear	
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 1-11			
Note: C O MORB LEUKEMIA MONUC AND CHR PROGR NEPHROPATHY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2338	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2339	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye			
Note: NO CORR LESION FOR EYE OBSERVATION AT NECROPSY			
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 4-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Nervosa	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-1			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2339	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-10		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2340	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 494
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-7			
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 4-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Moderate
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Note: C O MORB: LUNG EMPHYSEMA AND CHR PROG NEPHROPATHY			
Lymph Node	Renal, Sinus	Ectasia	Marked
Note: ECTASIA TGLs = 2-11			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2341	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Inflammation	Chronic, Focal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 3-1]			
Liver		Leukemia Mononuclear	
		Regeneration	Multifocal, Mild
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOM AND LEUKEMIA MONUC			
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2341	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2342	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Small	Ileum	Inflammation	Chronic, Focal, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric, Sinus	Ectasia	Marked
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: ECTASIA TGLs = 2-11			
Preputial Gland		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-1			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2342	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2343	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Ulcer	Mild
Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
	Pars Nervosa	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2343	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2344	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Trachea		

MISSING

Pancreas

OBSERVATIONS

Adrenal Gland	Capsule	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Epididymis		Leukemia Mononuclear	
Harderian Gland		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Mammary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2344	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 2-12			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 3-1]			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6-10			
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2345	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 425
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Trachea	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-5			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			
Stomach	Glandular	Ulcer	Moderate
Testes	Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Urinary Bladder		Dilatation	Marked
Note: DILATATION TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2345	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 425
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2346	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis	Bilateral	Mesothelioma Malignant	
Note: C O MORB: MESOTHLIOMA MAL OF EPIDIDYMIDES			
Note: MESOTHELIO MAL TGLs = 2-10			
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Inflammation	Chronic Active, Focal, Moderate
Kidney		Nephropathy	Multifocal, Marked
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Inflammation	Chronic Active, Mild
Note: MESENTERY EXAMINED ON SLIDE #6			
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	Follicular Cel	Adenocarcinoma	
	C Cell	Adenoma	
Note: IN CONNECTIVE TISSUE NEAR MAND L N, SLIDE#7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2346	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EVIDENCE OF EXTRACAPSULAR INVASION BY ADENOCARCINOMA

Urinary Bladder	Inflammation	Chronic, Moderate
	Mesothelioma Malignant	

Note: INFLAMMATION TGLs = 1-6

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2347	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
[Nephropathy TGLS = 4-1]			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Fibroma	
Note: FIBROMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	Follicle	Dilatation	Multifocal, Minimal
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2348	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Trachea
Urinary Bladder			

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum, Submucosa	Edema	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
[Nephropathy TGLS = 5-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2348	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1+11			
Note: FIBROSIS TGLs = 2-1+11			
Stomach	Forestomach, Submucosa	Edema	Marked
	Glandular, Submucosa	Edema	Marked
	Glandular	Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Note: ADENOMA TGLs = 3-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2349	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Note: C O MORB: PITUIT ADENOM AND LEUKEMIA MONUC			
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2349	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2350	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Trachea	

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-5			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: ECTASIA TGLs = 5-10			
Skin		Inflammation	Necrotizing, Marked
Note: INFLAMMATION TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: C O DEATH: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 4-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2350	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 438
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Leukemia Mononuclear	
Zymbal's Gland	Carcinoma	
	Inflammation	Suppurative, Moderate

Note: CARCINOMA TGLs = 2-12

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2351	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: INFARCT TGLs = 5-5			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: LEUKEMIA MONUC TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2351	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2352	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Nephropathy TGLS = 6-1]			
Liver		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 4,5-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
[Leukemia Mononuclear TGLS = 2-5+7]			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2352	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Interstit Cell	Hyperplasia	Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2353	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 4,5-7			
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Cyst	
		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Note: CYST TGLs = 3-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2353	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1-10		
Thyroid Gland	Bilateral, C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2354	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
	Cecum	Ulcer	Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Hyperkeratosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2355	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
	Coron Artery	Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [EOSIN FOCUS] TGLs = 4-11			
Note: MIXED CL FOCUS TGLs = 3-4			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2356	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Marked
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3,4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2357	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2358	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-7			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 4-1			
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2359	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Eye	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Mild
Note: DEGEN TGLs = 4-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2360	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3,4-7			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Adenoma	
		Hyperplasia	Mild
Note: ADENOMA TGLs = 5-10+11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2361	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 657
	DOSE: 2400 PPM10-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Lung	Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Trachea	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pituitary Gland	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 3-1			
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lymph Node			
Note: MANDIBULAR L N: NORMAL			
Note: MEDIASTINAL L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Sarcoma	
Note: [SARCOMA] TGLs = 2-11+12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 1-7			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2362	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 7-4			
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-11]			
[Leukemia Mononuclear TGLS = 1-11]			
Stomach	Glandular	Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2362	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3,4,5-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2363	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM BGN TGLs = 4-7			
Heart	Atrium	Dilatation	Marked
Note: C O MORB: CONGEST HEART FAILURE; SQUAMOUS CARC OF LIP			
Kidney		Nephropathy	Multifocal, Marked
Liver	Centrilobular	Congestion	Moderate
	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
		Inflammation	Subacute, Focal, Minimal
		Pheochromocytoma Malignant	Metastatic (Uncertain Primary Site)
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2364	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Epididymis	Prostate	Testes

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
	Atrium Lft	Thrombosis	
Note: THROMBUS TGLs = 2-4			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 3,4-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND L ATRIAL THROMBUS			
Note: LEUKEMIA MONUC TGLs = 1-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2365	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Histiocytic Sarcoma	
	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Moderate
Bone Marrow	Femoral	Histiocytic Sarcoma	
	Sternal	Histiocytic Sarcoma	
	Vertebral	Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 4-14			
Note: C O MORB: HISTIOCYTIC SARCOMA, MULTIPLE ORGS			
Note: [HISTIO SARC] TGLs = 3-13			
Note: [HISTIO SARC] TGLs = 2-12			
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 9-15			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney	Fat	Hematopoietic Cell Proliferation	Minimal
		Nephropathy	Multifocal, Minimal
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 5,6-4			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2365	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Basal Cell Adenoma	
Note: [BASAL CEL ADEN] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7,8-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2366	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Eye	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Mild
Note: POSTERIOR CHRONIC INFLAMMATION= PHTHISIS BULBI			
Note: CATARACT TGLs = 1-11			
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
[Leukemia Mononuclear TGLS = 5-1]			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2366	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Leukemia Mononuclear
Thyroid Gland	Bilateral, C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2367	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Postr Chamber	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-11			
Note: INFLAMMATION OF EYE=PHTHISIS BULBI			
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2367	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 5-12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2368	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Small	Jejunum	Inflammation	Chronic, Focal, Mild
Note: INFLAMMATION TGLs = 7-6+12			
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 4-14			
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 6-11			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2369	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
	Endocardium	Proliferation	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 4-12			
Lung	Interstitium	Inflammation	Chronic, Diffuse, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Marked
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2370	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 1,2-11			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2371	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Moderate
	Jejunum	Inflammation	Chronic, Focal, Minimal
Note: HYPERPLASIA TGLs = 4-11			
Note: INFLAMMATION TGLs = 3-6			
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 2-11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2371	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2372	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Brain		Mineralization	Focal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Note: CLEAR CL FOCUS TGLs = 3-4			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Vacuolization Cytoplasmic	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2373	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 657
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Myocardium	Fibrosis	Focal, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Skin		Schwannoma Malignant	
Note: C O MORB: SCHWANNOMA MAL			
Note: [SCHWANNOMA MAL] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	
Trachea	Lamina Propria	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2374	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2375	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 6-12			
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2375	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2376	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2377	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: NO CORR LESION FOR GROSS OBSERVATION OF MES L NODE			
Note: MAND L N: NORMAL			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2378	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2378	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2379	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
		Necrosis	Mild
Note: [NECROSIS] TGLs = 3-11			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Stomach	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2379	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2380	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Note: NO CORR LESION FOR NECROPSY OBSERVATION OF ADRENAL GL.			
Bone	Femur	Fibrous Osteodystrophy	Minimal
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 4-1			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Mammary Gland		Hyperplasia	Cystic, Mild
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOM;NEPHROPATHY, AND LEUKEMIA MONUC			
Note: ADENOMA TGLs = 6-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2380	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2381	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Note: NEPHROPATHY TGLs = 5-1			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Leukemia Mononuclear	
Preputial Gland	Duct	Ectasia	Marked
		Hyperplasia	Mild
Note: ECTASIA TGLs = 1-12			
Salivary Glands	Acinus, Sublingul Gl	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2381	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2382	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 428
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Lung		Carcinoma	Metastatic (Thyroid Gland)
Note: CARCINOMA TGLs = 4,5-2+3			
Lymph Node	Deep Cervical, Mandibular, Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
Note: CARCINOMA TGLs = 1,2,6-7+11+12			
Mammary Gland		Hyperplasia	Cystic, Minimal
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Mineralization	Multifocal, Mild
Note: C O MORB: C CELL CARCINOMA OF THYROID GL			
Note: CARCINOMA TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2383	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node	Nose	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-7			
Heart	Myocardium	Infarct	Moderate
	Arteriole, Coron Artery, Intima	Necrosis	Fibrinoid, Moderate
Note: INFLAMMATION TGLs = 1-4			
Intestine Small	Jejunum, Peyers Patch	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-6			
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 5-1			
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Note: CLEAR CL FOCUS TGLs = 2-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Mild
Note: ARTERIAL INFLAMMATION= PERIERTERITIS NODOSA			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2383	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Artery	Inflammation	Chronic, Mild
Note: ADENOMA TGLs = 4-10			
Note: ATROPHY TGLs = 3-10			
Note: ARTERIAL INFLAMMATION= PERIARTERITIS NODOSA			
Thymus	Arteriole	Inflammation	Chronic, Mild
Note: ARTERIAL INFLAMMATION= PERIARTERITIS NODOSA			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2384	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Ear	Middle Ear	Inflammation	Chronic, Mild
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Mild
Note: CATARACT TGLs = 1-11			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Artery	Mineralization	Minimal
Note: ALV BRON ADEN TGLs = 4-2			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2384	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Carcinoma
Note: CARCINOMA TGLs = 3-7		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2385	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2386	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Cyst	
		Nephropathy	Multifocal, Moderate
Note: CYST TGLs = 3-1+11			
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-10			
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2387	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 740
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 3-3			
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Ectopic Parathyroid Gland	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2388	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Brain		Leukemia Mononuclear	
		Oligodendroglioma Malignant	
Note: [OLIGODENDR MAL] TGLs = 2-5			
Note: C O MORB: BRAIN OLIGODENDRO MAL AND LEUKEMIA MONUC			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Leukemia Mononuclear	
Skin			
Note: NO SECTION OF SKIN MASS TAKEN			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2388	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2389	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Epididymis	Thymus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Leukemia Mononuclear	
	Colon	Mesothelioma Malignant	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Note: NEPHROPATHY TGLs = 4-1			
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: EOSIN FOCUS TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery		Mesothelioma Malignant	
Note: MESENTERY EXAMINED ON SLIDE #6			
Prostate			
Note: MESOTHELIOMA MAL ON SEROSAL SURFACE OF PROSTATE			
Spleen		Leukemia Mononuclear	
	Capsule	Mesothelioma Malignant	
Note: LEUKEMIA MONUC TGLs = 1-1			
Note: MESOTHELIO MAL TGLs = 2-1			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2389	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
	Bilateral, Tunic	Mesothelioma Malignant
Note: MESOTHELIO MAL TGLs = 5-10+11		
Note: ADENOMA TGLs = 6-10		
Thyroid Gland	Bilateral, C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2390	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis		Leukemia Mononuclear	
		Mesothelioma Malignant	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 5-10			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Tunic	Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 2-10+11			
Note: ADENOMA TGLs = 1,3-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2390	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2391	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 581
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Stomach - Glandular	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Infarct	Minimal
		Leukemia Mononuclear	
Ear	Middle Ear	Leukemia Mononuclear	
Esophagus		Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 7-15			
Heart		Leukemia Mononuclear	
Intestine Large	Cecum, Submucosa	Edema	Moderate
	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2391	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 581
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Lumbar	Necrosis	Caseous, Marked
	Mandibular	Necrosis	Caseous, Marked
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 6-14			
Note: LEUKEMIA MONUC TGLs = 2-7+12			
Note: LEUKEMIA MONUC TGLs = 5-11			
Note: LEUKEMIA MONUC TGLs = 8-13			
Mesentery		Leukemia Mononuclear	
Nose	Nares	Leukemia Mononuclear	
	Sinus	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
	Submandibul Gl	Necrosis	Caseous, Marked
Note: LEUKEMIA MONUC TGLs = 1-12			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-16			
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Forestomach, Submucosa	Edema	Moderate
	Forestomach	Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 9-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
		Leukemia Mononuclear	
Trachea	Peritrach Tiss	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2392	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Brain	Fourth Ventr	Hydrocephalus	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 4-1			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lymph Node	Mesenteric, Sinus	Ectasia	Marked
Note: ECTASIA TGLs = 3-11			
Note: MAND L N: NORMAL			
Pancreas	Artery	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 6-11			
Note: ARTERIAL INFLAM= PERIARTERITIS NODOSA			
Pituitary Gland	Pars Nervosa	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2392	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicle	Dilatation	Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2393	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 399
	DOSE: 2400 PPM10-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Thymus	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Liver	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: C O DEATH: PEOCHROMOCYTOMA, MAL OF ADREN MEDULLA			
Note: PHEOCHROM MAL TGLs = 3-12			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Hemorrhage	Marked
		Nephropathy	Multifocal, Minimal
[Nephropathy TGLS = 2-12]			
Liver			
Note: NO CORR LESION FOR NECROPSY OBSERVATION OF LIVER			
Lymph Node			
Note: MAND L N: NORMAL			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2394	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
[Nephropathy TGLS = 2-1]			
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Carcinoma	Metastatic (Thyroid Gland)
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-7			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2394	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 1-11		
Testes	Bilateral, Interstit Cell	Adenoma
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
	C Cell	Carcinoma
Note: CARCINOMA TGLs = 4-7		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2395	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 741
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland	Abdominal	Fibroadenoma	
Note: FIBROADENOMA TGLs = 4-11			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 3-10			
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Lamina Propria	Inflammation	Chronic, Minimal
	Lamina Propria	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2396	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2397	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-12			
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
		Regeneration	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal, Sinus	Ectasia	Marked
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: ECTASIA TGLs = 7-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2397	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 3-13]			
Stomach	Forestomach	Hyperkeratosis	Marked
	Forestomach	Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 4-14			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2398	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Small	Ileum	Inflammation	Chronic, Diffuse, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2399	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
	Retina	Mineralization	Focal, Mild
Note: ATROPHY TGLs = 2-11			
Note: CATARACT TGLs = 3-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 1-1			
Note: C O MORB: NEPHROPATHY			
Liver		Fatty Change	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Nose			
Note: FIBROUS OSTEODYSTROPHY OF MAXILLA PRESENT, SLIDES 8 &9			
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Ulcer	Moderate
Testes	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2399	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 2400 PPM10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Bilateral, C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2400	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: 2400 PPM10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2701	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Harderian Gland		Inflammation	Chronic, Multifocal, Mild
Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mesentery		Inflammation	Chronic, Moderate
	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 1-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2702	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Eye	Lids	Fibrosarcoma	
	Lids	Inflammation	Suppurative, Minimal
Note: FIBROSARC TGLs = 1-11			
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Fatty Change	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Ovary			
Note: NO CORRESP LESION FOR NECROPSY OBSERVATION OF OVARY			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOMA			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2703	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Clitoral Gland		Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Carcinoma	
Thyroid Gland	Follicular Cel	Adenocarcinoma	
	C Cell	Hyperplasia	Mild
Note: [ADENOCARC] TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2704	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
MISSING			
Thymus			
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pancreas	Acinus	Atrophy	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2705	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
Note: DILATATION TGLs = 1-10			
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Ovary		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-7			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2706	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
Note: BASOPH FOCUS TGLs = 2,3-4			
Lymph Node			
Note: MANDIB L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUITAR ADENOM			
Note: ADENOMA TGLs = 4-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2707	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1,2-7			
Spleen		Granuloma	Single, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2708	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MANDIB L N NORMAL			
Mammary Gland		Fibroadenoma	
Note: C O MORB: MAMM GL FIBROADENOMA			
Note: FIBROADENOMA TGLs = 1-11			
Note: SITE OF GROSS MAMMARY LESION DESCRBED AS "LEFT, LATERAL"			
Note: ON THE PEIS INDIVIDUAL ANIMAL NECROPSY RECOD			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2709	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Marked
	Medulla	Hyperplasia	Nodular, Minimal
Bone		Hyperostosis	Moderate
Brain	Hypothalamus	Compression	Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-12			
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2710	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Moderate
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Kidney		Nephropathy	Multifocal, Minimal
Liver		Fatty Change	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C OF MORB: PIT ADENOM & MONONUC LEUK			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-12			
Stomach	Forestomach, Submucosa	Edema	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2710	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 6-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2711	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 6-10			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Note: FIBROADENOMA TGLs = 2-12			
Ovary	Periovarn Tiss	Cyst	
		Inflammation	Chronic, Mild
Note: CYST TGLs = 3-10			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Skin		Inflammation	Chronic, Minimal
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 4-7			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2712	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 513
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Follicle	Cyst	
	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-10			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C OF MORB: PITUIT ADEN			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2713	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Marked
Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: HYPERPLASIA TGLs = 2-10			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2714	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 388
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Bacterium	
	Wall	Inflammation	Necrotizing, Marked
		Polyp Stromal	
		Prolapse	
Note: PROLAPSE TGLs = 1-11			
Note: C O MORB: UTERINE PROLAPSE			
Note: POLYP STROMAL TGLs = 2-10			
Vagina	Wall	Edema	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2715	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2716	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2717	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Lymph Node

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Marked
Note: CONGESTION TGLs = 4-7			
Bone	Femur	Osteopetrosis	Mild
Bone Marrow	Femoral	Angiectasis	Marked
	Femoral	Hypoplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: MISSING			
Ovary	Corpus Luteum	Congestion	Moderate
	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-10			
Note: CONGESTION TGLs = 3-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder	Transit Epithe	Hyperplasia	Diffuse, Moderate
Uterus		Leiomyosarcoma	
Note: [LEIOMYOSAR] TGLs = 1,5-11+12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2717	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2718	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Nose
Salivary Glands	Skin	Stomach - Forestomach	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Mild
		Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
Note: ADENOCARC TGLs = 2-7+12			
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2718	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Note: C O MORB: PITUIT ADENOM, LEUKEM MONUC, UTERINE PROLAPSE			
Skin			
Note: NO SECTION TAKEN OF SKIN MASS NOTED AT NECROPSY: NST			
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Wall	Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
		Prolapse	
Note: PROLAPSE TGLs = 3-10+11			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2719	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary	Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Mild
Skin		Acanthosis	Marked
		Hyperkeratosis	Marked
Note: ACANTHOSIS TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2720	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Ear	Esophagus	Heart
Islets, Pancreatic	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Thymus	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lung		Congestion	Marked
	Bronchus	Foreign Body	Minimal
Note: LUNG FOREIGN BODY IS PLANT MATERIAL			
Lymph Node			
Note: MAN L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O DEATH: PITUIT ADENOM			
Note: ADENOMA TGLs = 1-7			
Stomach			
Note: RUPTURE WAS PROBABLY ARTIFACTUAL DUE TO AUTOLYSIS			
Note: NO CORR LESION FOR STOMACH RUPT NOTED AT NECR			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2721	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 3-10			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUT ADENOMA			
Note: [ADENOMA] TGLs = 2-7			
Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2722	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Ear	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain	Hypothalamus	Compression	Moderate
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Fatty Change	Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Note: LEUKEMIA MONUC TGLs = 6-2			
Note: LEUKEMIA MONUC TGLs = 4-5+7			
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2722	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOCARC] TGLs = 2-12+13			
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PIUIT ADENOM & LEUKEM MONUC			
Note: ADENOMA TGLs = 1-7			
Spleen		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Note: LEUKEMIA MONUC TGLs = 3-14			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2723	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2724	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Ovary	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea		

MISSING

Clitoral Gland	Thymus

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Brain	Hypothalamus	Compression	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Rectum	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Note: LEUKEMIA MONUC TGLs = 3-2+11			
Note: LEUKEMIA MONUC TGLs = 6-13			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
		Leukemia Mononuclear	
Note: THORACIC MAMM GL EXAMINED ON SLIDE # 13			
Note: FIBROADENOMA TGLs = 1-12			
Nose	Nares	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2724	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUI ADENOM, LEKEMIA MONUC			
Note: ADENOMA TGLs = 7-7			
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Leukemia Mononuclear	
Uterus	Wall	Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
		Prolapse	
Note: PROLAPSE TGLs = 5-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2725	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Fibrosis	Focal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Ovary		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2726	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 2-11			
Ovary		Inflammation	Chronic, Minimal
Note: NO CORR LESION FOR GROSS OBSERVATION OF OVARY AT NECROPSY			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2727	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic, Focal, Moderate
Note: AORTIC LESION= POLYARTERITIS NODOSA			
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
	Coron Artery	Inflammation	Chronic, Moderate
Note: ARTERIAL INFLAMM=PERIARTERITIS NODOSA			
Intestine Large	Cecum	Inflammation	Chronic Active, Focal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Mesentery	Artery	Inflammation	Chronic, Mild
Note: ARTERIAL LESION= POLYARTERITIS NODOSA			
Note: MESENTERY EXAMINRD ON SLIDE #6			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thymus	Arteriole	Inflammation	Chronic, Moderate
Note: THYMUS ARTERIOLAR LESION=POLYARTERITIS NODOSA			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2728	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone	Femur	Osteopetrosis	Moderate
Bone Marrow	Femoral	Hypoplasia	Marked
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-12			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: [FIBROADENOMA] TGLs = 2-11			
Note: SITE FOR MAMMARY MASS AT NECROPSY WAS "VENTRAL"			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2729	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 116
	DOSE: 0 PPM 0-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Uterus

AUTO PRECLUDES DIAG.

Thyroid Gland

OBSERVATIONS

Kidney	Pelvis, Renal Tubule	Bacterium	
		Inflammation	Necrotizing, Multifocal, Moderate
Note: C O DEATH: INFLAMM OF KIDNEY			
Note: INFLAMMATION TGLs = 1-15			
Lymph Node			
Note: MAND L N: NORMAL			
Urinary Bladder	Lumen	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 2-6			
Vagina	Lamina Propria	Inflammation	Necrotizing, Marked
Note: INFLAMMATION TGLs = 3-14			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2730	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Necrosis	Coagulative, Marked
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2731	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver	Sinusoid	Angiectasis	Mild
		Basophilic Focus	Minimal
Note: [ANGIECTASIS] TGLs = 4-12			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Note: ADENOMA TGLs = 3-10+11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2732	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-12			
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
		Regeneration	Focal, Mild
Note: [REGENERATION] TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2733	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Atypia Cellular	Focal, Minimal
Clitoral Gland		Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: BASOPH FOCUS TGLs = 2-11			
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 1-3			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gl			
Note: EXAMINED MAMMARY GLAND ON SLIDE #10			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Salivary Glands	Acinus, Parotid Gl	Atrophy	Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2734	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 470
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
	Duct	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOM			
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2735	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Ovary
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Moderate
Clitoral Gland		Inflammation	Chronic Active, Mild
Harderian Gland		Inflammation	Chronic, Multifocal, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-12			
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Nodular, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2736	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland		Cortex	Leukemia Mononuclear	
		Medulla	Pheochromocytoma Benign	
Bone Marrow		Femoral	Hyperplasia	Mild
Clitoral Gland			Adenoma	
Note: ADENOMA	TGLs = 1-11			
Eye		Retina	Atrophy	Marked
		Lens Crystalin	Cataract	Marked
Note: CATARACT	TGLs = 3-12			
Heart		Myocardium	Degeneration	Multifocal, Mild
Intestine Large		Rectum	Parasite Metazoan	
Kidney			Nephropathy	Multifocal, Minimal
Liver			Basophilic Focus	
			Leukemia Mononuclear	
Lung			Leukemia Mononuclear	
Lymph Node		Mandibular	Leukemia Mononuclear	
Mammary Gland			Hyperplasia	Cystic, Mild
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-7			
Spleen			Leukemia Mononuclear	
Thyroid Gland		C Cell	Hyperplasia	Moderate
Uterus		Endometrium	Hyperplasia	Cystic, Mild
			Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2736	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 2-10
Note: POLYP STROMAL TGLs = 5-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2737	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2738	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2739	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
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	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Intestine Large - Cecum	Ovary	Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-7			
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Ovary			
Note: NO SECTION OF OVARIES TAKEN; BLOCK MISSING AND NO WET TIS			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2740	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 2-7			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 3-7			
Trachea	Lamina Propria	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2741	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-1			
Liver	Sinusoid	Angiectasis	Mild
		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PIUIT ADENOM [Adenoma TGLS = 1-7]			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2742	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 484
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Mammary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEM MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2743	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Polychromasia	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
		Regeneration	Focal, Mild
Note: [REGENERATION] TGLs = 2-4			
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2743	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2744	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Note: C O MORB: FIBROADENOMA			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2745	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Note: NO CORRESP LESION FOR GROSS OBS OF MEDIASTINAL L N			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-7			
Skin		Squamous Cell Carcinoma	
Note: C O MORB: SQUAMOUS CELL CARCINOMA			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2746	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 421
	DOSE: 0 PPM 0-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gl			
Note: ADR GL: NO CORR LESION FOR GROSS OBSERVATION			
Intestine Large	Cecum, Submucosa	Edema	Marked
	Cecum	Ulcer	Marked
Kidney		Hydronephrosis	Marked
Note: C O MORB:HYDRONEPHROSIS OF KIDNEY			
[Hydronephrosis TGLS = 1,2-1]			
Lymph Node			
Note: MAND L N: NORMAL			
Parathyroid Gland		Hyperplasia	Diffuse, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2747	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Femoral	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-12			
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 4-15			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 2-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
Uterus			
Note: CERVICAL LESION= MUCOMETRA			
Note: SITE OF "VAGINAL" LESION ACTUALLY IS CERVIX			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2748	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2749	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Skin		Trichoepithelioma	
Note: [TRICHOEPITHEL] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2750	**TRT#:** 9	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 0-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 3-13			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 2-12			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2751	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Mammary Gland		Adenocarcinoma
Note: ADENOCARC TGLs = 1-2		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2752	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: C O DEATH: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2753	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Cyst
[Cyst TGLS = 3-3]		
Skin		Squamous Cell Papilloma
Note: PAPILLOMA SQUA TGLs = 1-2		
Uterus		Polyp Stromal
[Polyp Stromal TGLS = 2-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2754	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: C O MORB: PTUIT ADENOMA;LEUKEM MONUC; ENDOM STROMAL SARC			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 2-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2755	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Cyst
		Leukemia Mononuclear
Note: NO CORRESP LESION FOR LIVER NODULE SEEN AT NECROPSY [Cyst TGLS = 5-1]		
Lymph Node	Mandibular	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 2-4		
Mammary Gland		Adenoma
		Leukemia Mononuclear
Note: ADENOMA TGLs = 1-3		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 6-4		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 3-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2756	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lung	Alveolus	Hemorrhage	Moderate
Lymph Node	Mandibular	Infiltration Cellular	Histiocyte, Moderate
Note: INFILTRAT CELL TGLs = 3-7			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIY ADENOMA; MAMMARY GL FIBROADENOMA			
Note: ADENOMA TGLs = 2-7			
Skin		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 4-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2757	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
		Granuloma	Multiple, Mild
Note: BASOPH FOCUS TGLs = 2-1+2			
[Granuloma TGLS = 2-1+2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2758	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2759	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA TGLs = 1,2-11+12			
Note: HYPERPLASIA TGLs = 2-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA; LEUKEMIA MONUC			
Note: ADENOMA TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2759	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2760	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Sclera	Mineralization	Multifocal, Mild
Note: NO CORRESP LESION FOR RT EYE OPACITY NOTED AT NECROPS			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Note: C O MORB: PITUIT ADENOMA; RT HINDLIMB FIBROMA			
Skin	Subcut Tiss	Fibrosarcoma	
Note: [FIBROSARC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2761	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Note: NO CORRESP LESION FOR LIVER NODULE NOTED AT NECROPSY			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-4			
Note: FIBROADENOMA TGLs = 2-4			
Ovary	Periovarn Tiss	Cyst	
		Inflammation	Chronic, Moderate
Note: CYST TGLs = 3-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2762	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 2-7			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Necrosis	Caseous, Minimal
		Necrosis	Coagulative, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Note: C O MORB: MAMMARY FIBROADENOMA			
Pancreas	Acinus	Atrophy	Minimal
Stomach	Glandular	Inflammation	Subacute, Mild
	Glandular, Mucosa	Proliferation	Focal, Mild
Note: PROLIFERATION TGLs = 3-6			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2763	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			
Urinary Bladder	Mucosa	Hyperplasia	Papillary, Marked
Note: HYPERPLASIA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2764	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOMA			
Skin		Inflammation	Necrotizing, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2765	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain	Hypothalamus	Compression	Marked
Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMB INFLAM= PHTHISIS BULBI			
Note: INFLAMMATION TGLs = 2-12			
Note: CATARACT TGLs = 3-12			
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA TGLs = 1-11			
Note: HYPERPLASIA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Note: C O MORB: PITUIT ADENOMA; LEUKEMIA MONUC			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2765	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2766	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 1-7			
Skin		Acanthosis	Minimal
		Hyperkeratosis	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2767	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: NO CORRESP LESION FOR MAND L N OBSERV AT NECROPSY: NCL			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			
Uterus			
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2768	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 2-1	
Spleen	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2769	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus	
	Leukemia Mononuclear	
	Necrosis	Coagulative, Multifocal, Minimal

Note: NECROSIS TGLs = 1-1
[Necrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2770	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Liver	Leukemia Mononuclear
Spleen	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2771	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Brain		Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2+7			
Note: LEUKEMIA MONUC TGLs = 5-12			
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Mammary Gland		Adenocarcinoma	
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2771	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Note: C O MORB: LEUKEMIA MONUC		
Note: LEUKEMIA MONUC TGLs = 6-11		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
Urinary Bladder		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2772	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 1-4			
Note: DILATATION TGLs = 1-4			
Liver	Sinusoid	Angiectasis	Minimal
		Basophilic Focus	
Lung	Alveolus	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 2-2+3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2773	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland	Hyperplasia	Moderate
	Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 1-3		
Liver	Basophilic Focus	
Note: BASOPH FOCUS TGLs = 2,3-1+2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2774	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOMA; FIBROADENOMA OF THORAC MAMM GL			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2775	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2776	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 2-2			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2777	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Note: [HYPERPLASIA] TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2778	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
	Clear Cell Focus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2779	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-2			
Note: POSTERIOR CHAMBER INFLAM=PHTHISIS BULBI			
Note: INFLAMMATION TGLs = 1-2			
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
Note: HYPERPLASIA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2780	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2781	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver			Basophilic Focus	
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-2			
Uterus			Dilatation	Marked
Note: DILATATION	TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2782	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Salivary Glands
Stomach - Forestomach	Thymus	Trachea	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Minimal
Harderian Gland		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung	Alveolus	Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 8-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Mammary Gland		Hyperplasia	Cystic, Marked
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 1-7+11			
Note: LEUKEMIA MONUC TGLs = 1-11			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2782	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6,7-12+13			
Note: C O MORB*LEUKEMIA MONUC AND PTUITARY ADENOMA			
Stomach	Glandular	Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2783	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 325
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Uterus		

OBSERVATIONS

Brain		Inflammation	Necrotizing, Multifocal, Minimal
Kidney	Papilla	Bacterium	
		Inflammation	Necrotizing, Multifocal, Marked
Note: C O MORB: KIDNEY INFLAMMATION			
Note: KIDNEY INFLAMMATION= PYELONEPHRITIS			
Lymph Node			
Note: MAND L N: NORMAL			
Nose	Sinus	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Inflammation	Acute, Marked
Note: INFLAMMATION TGLs = 1,2-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2784	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 388
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Lung	Interstitium	Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-11			
Note: C O MORB: ADENOCARC OF MAMM GLAND			
Note: MAMMARY ADENOCARCINOMA= COMEDOCARCINOMA			
Mesentery		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2785	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver	Sinusoid	Angiectasis	Multifocal, Minimal
		Basophilic Focus	
Note: ANGIECTASIS TGLs = 3-1			
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2786	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 1-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2787	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Cyst
Note: CYST TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2788	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2788	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Polyp Stromal

Note: DILATATION TGLs = 2-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2789	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Fatty Change	Minimal
Note: FATTY CHANGE TGLs = 4-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Skin	Subcut Tiss	Fibrous Histiocytoma	
Note: C O MORB: MALIGN FIBROUS HISTIOCYTOMA OF NECK SKIN			
Note: FIB HISTIOCYT TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2790	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Cyst	
Note: CYST TGLs = 1-2			
Note: ANGIECTASIS TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2791	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 599
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	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
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Clitoral Gland			
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2792	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
		Clear Cell Focus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2793	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAM=PHTHISIS BULBI			
Note: CATARACT TGLs = 1-3			
Note: INFLAMMATION TGLs = 1-3			
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2794	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant
Note: PHEOCHROM MAL TGLs = 2-2		
Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2795	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Fatty Change	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Note: NO CORRESP LESION FOR ENLARGED MEDIAST L N NOTED AT NECR			
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary	Follicle	Cyst	
Salivary Glands		Carcinoma	Metastatic (Uncertain Primary Site)
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Note: C O MORB: ZYMBAL'S GLAND CARCINOMA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2796	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
Mammary Gland	Fibroadenoma
Note: FIBROADENOMA TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2797	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 0 PPM 10-0	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Kidney
Nose	Pituitary Gland	Salivary Glands	Skin
Trachea	Uterus		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node	Mammary Gland
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Brain		Infarct	Moderate
		Leukemia Mononuclear	
Clitoral Gland		Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: MISSING			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-10			
Spleen	Capsule	Hemorrhage	Moderate
		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: HEMORRHAGE TGLs = 2-11			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2798	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Regeneration	Focal, Mild
[Leukemia Mononuclear TGLS = 2-1]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2799	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM 10-0	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2800	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Edema	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB TGLs = 1-12			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2800	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 0 PPM 10-0	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2801	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2802	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION - PHTHISIS BULBI			
Note: CATARACT TGLs = 1-1			
Liver		Basophilic Focus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2803	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
[Hyperplasia TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2804	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-3			
Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-4			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: [ANGIECTASIS] TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2805	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Liver

OBSERVATIONS

Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Note: HYPERPLASIA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2806	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-4			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3,4-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2807	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Coron Artery	Inflammation	Chronic, Mild
	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 3-12			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUITARY ADENOMA			
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2808	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 1-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2809	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Moderate
Heart	Valve	Inflammation	Chronic, Minimal
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Stomach	Glandular	Inflammation	Subacute, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2810	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
Heart

OBSERVATIONS

Clitoral Gland		Adenoma
Note: ADENOMA TGLs = 2-4		
Liver		Basophilic Focus
		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 4-1		
Mammary Gland		Fibroadenoma
Note: FIBROADENOMA TGLs = 3-3		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2811	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2812	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Intestine Large	Cecum, Submucosa	Edema	Moderate
	Cecum	Ulcer	Mild
Kidney		Nephropathy	Multifocal, Marked
Note: NEPHROPATHY TGLs = 1-1			
Note: C O MORB: NEPHROPATHY			
Liver		Basophilic Focus	
		Cyst	
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Moderate
		Fibrosis	Focal, Mild
Parathyroid Gland		Hyperplasia	Diffuse, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2813	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Fatty Change	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Multifocal, Moderate
Note: ANGIECTASIS TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Note: C O MORB: ZYMBAL'S GL CARCINOMA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2814	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Rectum	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-7			
Spleen		Fibrosis	Focal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2815	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-4			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Hyperplasia	Nodular, Mild
Note: ANGIECTASIS TGLs = 3-2			
Note: HYPERPLASIA TGLs = 3-2			
Uterus		Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2816	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Islets, Pancreatic	Kidney	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Trachea	Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Spleen	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
	Hypothalamus	Hemorrhage	Multifocal, Minimal
Clitoral Gland		Autolysis	Minimal
		Inflammation	Chronic, Minimal
Heart		Autolysis	Mild
	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lung	Alveolus	Hemorrhage	Multifocal, Moderate
Note: HEMORRHAGE TGLs = 4-2+3			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 2-11			
Ovary			
Note: NO CORRESP LESION FOR GROSS OBSERVATION OF OVARIES:NCL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O DEATH: PITUIT ADENOMA			
Thymus		Hemorrhage	Multifocal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2816	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 3-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2817	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Infarct	Multiple, Moderate
		Leukemia Mononuclear	
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Note: MAND L N: NORMAL			
Note: PIGMENT TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-1			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2818	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2819	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2820	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Harderian Gland		Inflammation	Chronic, Multifocal, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Wall	Bacterium	
	Wall	Inflammation	Necrotizing, Moderate
		Prolapse	
Note: C O MORB: UTERINE PROLAPSE			
Note: PROLAPSE TGLs = 1-11			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2821	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Fatty Change	Moderate
Note: FATTY CHANGE TGLs = 2-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-11			
Note: INFLAMMATION OF GINGIVA			
Note: C O MORB: FIBROADENOMA OF THORACIC MAMMARY GLAND;			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth	Gingiva	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2822	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Bone	Tibia	Proliferation	Moderate
Note: PROLIFERATION TGLs = 4-5			
Liver		Leukemia Mononuclear	
		Regeneration	Focal, Moderate
Note: [REGENERATION] TGLs = 1,2-2+3			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2823	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Clitoral Gland		Adenoma	
	Duct	Dilatation	Mild
Note: DILATATION TGLs = 3-10			
Note: ADENOMA TGLs = 2-11			
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 4-12			
Lymph Node	Sinus	Ectasia	Mild
Pancreas	Acinus	Atrophy	Mild
Skin			
Note: MASS IN QUESTION MAY BE IDENTICAL TO CLITORAL GL MASS			
Note: NO SECTION TAKEN OF RIGHT INGUINAL SKIN MASS;			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2824	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Mammary Gland		Fibroadenoma
Note: FIBROADENOMA TGLs = 1-3		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2825	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Bone Marrow

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye			
Note: NO CORRESP LESION FOR EYE OBSERVATION AT NECROPSY			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Marked
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB:LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2826	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2827	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 519
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
Note: CATARACT TGLs = 1-11			
Heart		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gl			
Note: MAMMARY GL EVALUATED ON SLIDE #10			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2828	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2829	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: [ANGIECTASIS] TGLs = 3-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2830	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Mild
Note: CATARACT TGLs = 1-11			
Note: POSTERIOR CHAMBER INFLAMM= PHTHISIS BULBI			
Heart		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 4-12			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Nodular, Mild
Note: HYPERPLASIA TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-13			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2830	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2831	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Clitoral Gland
Esophagus	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular	Thyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Infarct	Mild
		Leukemia Mononuclear	
Note: INFARCT TGLs = 6-5			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-6			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 5-11			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 4-10			
Spleen		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2831	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-12+13
Note: NECROSIS TGLs = 3-13
Note: C O DEATH: LEUKEMIA MONUC

Uterus	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2832	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2833	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 2-12			
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: C O MORB: FIBROADENOMA OF MAMMARY GLAND			
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3,4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2834	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
Lung	Alveolus	Hemorrhage	Multifocal, Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2835	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Cyst
Note: CYST TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2836	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Harderian Gland		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-13			
Note: LEUKEMIA MONUC TGLs = 2-11			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2836	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Uterus	Cervix	Inflammation	Suppurative, Moderate
		Polyp Stromal	
Note: INFLAMMATION TGLs = 4-10			
Note: POLYP STROMAL TGLs = 6-10			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2837	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Note: C O MORB: FIBROADENOMA OF MAMMARY GL			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2838	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Ovary	Periovarn Tiss	Cyst
Note: CYST TGLs = 1-3		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2839	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2840	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Leukemia Mononuclear
Lymph Node	Mesenteric	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 4-4		
Mammary Gland		Fibroadenoma
Note: FIBROADENOMA TGLs = 1-5		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 3-2		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 5-3		
Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 2-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2841	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node	Mandibular	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-7+11			
Mammary Gl			
Note: MAMMARY GL OBSERVED ON SLIDE#10			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Marked
Note: ANGIECTASIS TGLs = 5-7			
Saliv Glands			
Note: NO CORRESP LESION FOR SALIVARY GL OBSERV AT NECROPSY: NCL			
Skin			
Note: NO SECTION OF SKIN LESION TAKEN			
Thyroid Gland	Bilateral, C Cell	Adenoma	
Uterus		Dilatation	Moderate
		Polyp Stromal	
Note: C O MORB: UNKNOWN			
Note: POLYP STROMAL TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2842	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland	Duct	Dilatation	Mild
Note: DILATATION TGLs = 2-10			
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Moderate
		Leukemia Mononuclear	
		Regeneration	Focal, Moderate
Note: REGENERATION TGLs = 4-4			
Note: LEUKEMIA MONUC TGLs = 3-4			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2842	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 240 PPM 1-1	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2843	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Hyperplasia	Nodular, Minimal
Note: ANGIECTASIS TGLs = 2-2			
[Angiectasis TGLS = 2-2]			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2844	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2845	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 425
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Clitoral Gland
Esophagus	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
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

Thyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gl			
Note: MAMMARY GL OBSERVED ON SLIDE #10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Spleen	Capsule	Inflammation	Subacute, Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: INFLAMMATION TGLs = 3-11			
Note: C O DEATH: LEUKEMIA MONUC AND PITUIT ADENOMA			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2846	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 3-5			
Note: POSTERIOR CHAMBER INFLAMMATION = PHTHISIS BULBI			
Liver	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-3			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-4			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2847	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 240 PPM 1-1	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Kidney
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	Uterus
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular	Thyroid Gland
Urinary Bladder			
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Islets, Pancreatic		Adenoma	
Liver		Basophilic Focus	
Note: BASOPH FOCUS TGLs = 2-4			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Spleen		Hemangioma	
Note: HEMANGIOMA TGLs = 4-11			
Note: C O DEATH: SPLENIC HEMANGIOMA			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2848	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-1]		
Lung		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 6-4+5		
Lymph Node	Mandibular	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 5-2		
Pituitary Gland		Leukemia Mononuclear
Note: NO CORRESP LESION FOR PITUITARY FOCUS SEEN AT NECROPSY		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 2,4-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2849	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS		
Liver		Leukemia Mononuclear
Lymph Node	Mesenteric	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 3-3		
Mammary Gland		Fibroadenoma
Note: FIBROADENOMA TGLs = 1-5		
Pituitary Gland	Pars Distalis	Adenoma
Note: [ADENOMA] TGLs = 4-2		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 2-4		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2850	**TRT#:** 11	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 240 PPM 1-1	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2851	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Note: NO CORRESP LESION FOR LIVER NODULE SEEN AT NECROPSY		
Ovary	Periovarn Tiss	Cyst
Note: CYST TGLs = 2-2		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-2		
Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 3,4,5-3+4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2852	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-1+2			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2853	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Islets, Pancreatic		Adenoma	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-11			
Note: [ADENOCARC] TGLs = 1-12			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Note: C O MORB: PITUIT ADENOMA			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2854	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
[Angiectasis TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2855	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2856	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-3			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2857	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Clitoral Gland	Duct	Dilatation	Moderate
		Squamous Cell Papilloma	
Note: DILATATION TGLs = 2-3			
Note: PAPILLOMA SQUA TGLs = 2-3			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			
Uterus		Dilatation	Minimal
Note: DILATATION TGLs = 3-3			
Vagina	Lumen	Exudate	Mild
Note: EXUDATE TGLs = 4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2858	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Leukemia Mononuclear
Spleen	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2859	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2860	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 2-11			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2861	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Mammary Gland
Nose	Ovary	Skin	Trachea
Uterus			

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: AUTOLYSIS PRECLUDES DIAGNOSIS			
Pituitary Gland		Autolysis	Moderate
	Pars Distalis	Cyst	
Note: CYST TGLs = 1-7			
Spleen		Autolysis	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O DEATH: LEUKEMIA MONUC			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2862	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2863	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2864	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2865	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 697
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Thyroid Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
		Necrosis	Caseous, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Uterus		Dilatation	Marked
		Polyp Stromal	
Note: C O DEATH:UTERINE ENDOMETRIAL STROMAL POLYP			
Note: DILATATION TGLs = 1-10+11			
Note: POLYP STROMAL TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2866	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 470
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2867	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
	Leukemia Mononuclear
Spleen	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2868	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Mild
Bone Marrow	Femoral	Myelofibrosis	Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
Note: C O MORB: LEUKEMIA MONUC			
[Necrosis TGLS = 1-4]			
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Spleen		Fibrosis	Diffuse, Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2869	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2870	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2871	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-2			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2872	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2873	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
		Leukemia Mononuclear
Ovary	Periovarn Tiss	Cyst
Note: CYST TGLs = 2-3		
Skin		Squamous Cell Papilloma
Note: PAPILLOMA SQUA TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2874	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
[Cataract TGLS = 1-3]			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 4,5-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2875	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Chronic, Minimal
Note: DILATATION TGLs = 2-10			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Ovary			
Note: NO CORRESP LESION FOR GROSS OBS OF OVARY AT NECROPSY			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: C O MORB: CARCINOMA OF ZYMBAL'S GLAND			
Note: CARCINOMA TGLs = 1-11+12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2876	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 509
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Thrombosis	
Lymph Node			
Note: MEDIASTINAL L N: NORMAL			
Note: MANDIBULAR L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Sarcoma Stromal	
Note: C O MORB: ENDOMETR STROMAL SARC AND LEUKEMIA MONUC			
Note: SARC STROMAL TGLs = 1-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2877	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 609
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Moderate
Liver		Basophilic Focus	
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: EXAMINED MAMMARY GLAND ON SLIDE #10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2878	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 248
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Thymus	Uterus
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Lymph Node
Note: MAND L N: NORMAL
Uterus
Note: C O DEATH: UNKNOWN

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2879	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-3			
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Stomach	Glandular	Ulcer	Mild
Note: ULCER TGLs = 3-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2880	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 2-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-3			
Note: HYPERPLASIA TGLs = 1-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2881	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2882	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Nodular, Mild
Note: CYST TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 4-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2882	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 5,6-13		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2883	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Ear	Pinna	Sarcoma	
Note: [SARCOMA] TGLs = 1-4			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Nodular, Moderate
Note: CYST TGLs = 3-2			
Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 2-3			
Note: DILATATION TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2884	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS		
Liver		Basophilic Focus
Ovary	Periovarn Tiss	Cyst
Note: CYST TGLs = 1-2		
Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 2-2		

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2885	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 2-5			
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1,3,5-3+4+6			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Minimal
	Pars Distalis	Cyst	
Note: CYST TGLs = 4-2			
[Cyst TGLS = 4-2]			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2886	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
		Cyst	
	Centrilobular	Cytomegaly	Minimal
Note: CYST TGLs = 2-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2887	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
		Inflammation	Chronic, Mild
Note: CYST TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2888	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2889	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic, Minimal
Note: DILATATION TGLs = 2-3			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1,3-2+4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2890	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 255
	DOSE: 800 PPM 0-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Kidney	Liver	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pancreas	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Lung	Bronchus	Foreign Body	Moderate
	Alveolus	Inflammation	Suppurative, Multifocal, Moderate
	Bronchus	Inflammation	Suppurative, Multifocal, Moderate

Note: C O DEATH: SUPPURATIVE INFLAMMATION OF LUNGS
Note: BRONCHIAL FOREIGN BODIES ARE PLANT MATERIAL
Note: INFLAMMATION TGLs = 1,2-2

Lymph Node
Note: MAND L N: NORMAL

Ovary
Note: NO CORR LESION FOR OVARY OBSERVATION AT NECROPSY: NCL

Uterus
Note: IMBIBITION
Note: UTERINE COLOR CHANGE DUE TO AUTOLYSIS AND BILE

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2891	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2892	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Mammary Gland		Adenocarcinoma
Note: [ADENOCARC] TGLs = 1-2		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2893	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS				
Liver			Basophilic Focus	
		Centrilobular	Cytomegaly	Minimal
Pituitary Gland		Pars Distalis	Cyst	
Note: CYST	TGLs = 2-2			
Uterus		Wall	Cyst	
Note: CYST	TGLs = 1-2			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2894	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Cornea	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-2			
Kidney		Nephropathy	Multifocal, Moderate
Note: NEPHROPATHY TGLs = 2-3			
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2895	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Leukemia Mononuclear	
Spleen	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2		
Uterus	Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-3		
Vagina	Cyst	Marked
Note: [CYST] TGLs = 3-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2896	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Basophilic Focus
Mammary Gland	Fibroadenoma
Note: FIBROADENOMA TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2897	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2898	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 800 PPM 0-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 2-7			
Note: C O MORB: PITUIT CARCINOMA			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2899	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			
Spleen	Capsule	Cyst	
Note: NO CORRESP LESION FOR SMALL SPLEEN SEEN AT NECROPSY			
Note: CYST TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2900	**TRT#:** 12	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 0-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland		Angiectasis	Focal, Minimal
Note: ANGIECTASIS TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2901	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pituitary Gland	Stomach - Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Liver
Note: NO CORRESP LESION FOR LIVER PALLOR NOTED AT NECROPSY
Lymph Node
Note: MAND L N: NORMAL
Mammary Gland — Hyperplasia — Cystic, Mild
Uterus — Polyp Stromal
Note: C O DEATH: UTERINE ENDOMETRIAL STROMAL POLYP
Note: POLYP STROMAL TGLs = 1-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2902	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gl			
Note: NO CORRESP LESION FOR GREEN PIGMENT OF CLITORAL GLAND			
Liver	Centrilobular	Cytomegaly	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2903	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Eye	Retina	Atrophy	Moderate
	Anterior	Synechia	Mild
Note: SYNECHIA TGLs = 1-11			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2904	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS		
Liver		Basophilic Focus
Ovary	Periovarn Tiss	Cyst
Note: CYST TGLs = 1-2		
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 3-2		
Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 2-2		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2905	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2906	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Eye	Sclera	Mineralization	Multifocal, Mild
Note: NO CORRESP LESION FOR YELLOW EYES SEEN AT NECROPSY			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7			
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-5+7			
Note: LEUKEMIA MONUC TGLs = 5-2			
Note: LEUKEMIA MONUC TGLs = 8-7			
Note: LEUKEMIA MONUC TGLs = 6-13			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-11			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2906	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC
Note: LEUKEMIA MONUC TGLs = 3-14

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2907	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Endocardium	Schwannoma Benign	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: C O MORB: FIBROADENOMA OF MAMMARY GLAND			
Note: FIBROADENOMA TGLs = 1-11			
Nose	Nares	Inflammation	Chronic Active, Mild
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-10			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2907	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina	Cyst	Moderate
Note: [CYST] TGLs = 5-12		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2908	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-2			
Liver		Basophilic Focus	
Lymph Node	Mesenteric, Sinus	Ectasia	Minimal
Note: ECTASIA TGLs = 3-2			
Skin	Tail	Acanthosis	Focal, Moderate
	Tail	Hyperkeratosis	Focal, Moderate
Note: ACANTHOSIS TGLs = 1-3			
[Acanthosis TGLS = 1-3]			
Uterus		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2909	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Clitoral Gland	Duct	Dilatation	Mild
Note: DILATATION TGLs = 1-2			
Liver		Basophilic Focus	
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-2			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2910	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-2			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-2			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2911	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2912	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
[Angiectasis TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2913	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Salivary Glands		Ectopic Tissue	
Note: ECTOPIC LYMPHOID TISSUE IN PAROTID SALIV GL			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Cervix	Adenosquamous Carcinoma	
	Lumen	Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 3-11+12			
Note: C O MORB: ADENOSQUAMOUS CARC OF UTERINE CERVIX			
Note: CARC ADENOSQUA TGLs = 2-13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2914	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Mild
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
Note: HYPERPLASIA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Adenocarcinoma	
Note: C O MORB: UTERINE ADENOCARCINOMA			
Note: ADENOCARC TGLs = 2,3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2915	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Postr Chamber	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-2			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Uterus		Dilatation	Mild
	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-2			
[Dilatation TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2916	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-3			
Uterus	Endometrium	Hyperplasia	Nodular, Mild
Note: HYPERPLASIA TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2917	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 800 PPM 3-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Clitoral Gland	Esophagus
Kidney	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	Uterus
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Spleen	Stomach - Glandular
Thyroid Gland	Urinary Bladder		
OBSERVATIONS			
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O DEATH: PITUIT ADENOMA			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2918	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2919	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION =PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Marked
Note: ANGIECTASIS TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2920	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 702
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Coagulative, Marked
	Medulla	Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 1-7			
Note: C O MORB: ADRENAL GL NECROSIS; MEMBRPROLI GLOMERULONEPHRTS			
Note: NECROSIS TGLs = 1-7			
Bone Marrow	Femoral	Hyperplasia	Minimal
Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
		Nephropathy	Multifocal, Mild
Liver		Necrosis	Caseous, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-10			
Vagina		Cyst	Marked
Note: [CYST] TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2921	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Harderian Gland		Inflammation	Chronic, Multifocal, Moderate
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 2-7			
Skin	Subcut Tiss	Fibrosarcoma	
Note: [FIBROSARC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2922	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 3-1			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Minimal
Note: ANGIECTASIS TGLs = 1-2			
Uterus		Leiomyoma	
Note: LEIOMYOMA TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2923	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 519
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2924	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Note: ADENOMA TGLs = 1-3			
Note: HYPERPLASIA TGLs = 1-3			
Ovary	Bilateral, Periovarn Tiss	Cyst	
Note: CYST TGLs = 2,3-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-4			
Uterus	Cervix	Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 4-2			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 4-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2925	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 609
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-11			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-12			
Ovary			
Note: NO CORRESP LESION FOR GROSS OBSERV OF OVARY AT NECROPSY			
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2,3-13			
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Glandular, Mucosa	Inflammation	Necrotizing, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2925	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 609
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 5-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2926	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Mammary Gland	Nose
Ovary	Parathyroid Gland	Stomach - Glandular	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Esophagus		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Jejunum, Submucosa	Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
	Pars Distalis	Hyperplasia	Nodular, Mild
Note: ANGIECTASIS TGLs = 1-7			
Salivary Glands		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 3-11			
Stomach	Epithelium, Forestomach	Acanthosis	Diffuse, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2926	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Forestomach	Hyperkeratosis	Diffuse, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Adenocarcinoma	
		Leukemia Mononuclear	
Trachea		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2927	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Diffuse, Minimal
Kidney		Nephropathy	Multifocal, Marked
Note: C O MORB: NEPHROPATHY			
[Nephropathy TGLS = 2-1]			
Liver		Fatty Change	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Stomach	Forestomach	Inflammation	Chronic, Moderate
	Glandular	Inflammation	Chronic, Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2928	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Pituitary Gl			
Note: NO CORRESP LESION FOR PITUITARY FOCUS SEEN AT NECROPSY			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2929	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION = PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2930	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-3			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2931	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2932	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2933	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2934	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 1-2+3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2935	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: [FIBROADENOMA] TGLs = 2-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2936	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Ear	Pinna	Sarcoma	
Note: [SARCOMA] TGLs = 1-12			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Note: LEUKEMIA MONUC TGLs = 5-13			
Note: LEUKEMIA MONUC TGLs = 4-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 6-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2937	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 439
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-11			
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gl			
Note: MAMMARY GLAND OBSERVED ON SLIDE #11			
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus			
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2938	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Skin		Acanthosis	Moderate
		Hyperkeratosis	Marked
Note: HYPERKERATOSIS TGLs = 1-3			
Note: ACANTHOSIS TGLs = 1-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2939	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2940	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Heart	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Trachea		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Focal, Minimal
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Forestomach	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2940	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-2			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2941	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas		Leukemia Mononuclear	
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-12			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2941	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2942	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Note: HYPERPLASIA TGLs = 2-1			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2943	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	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	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Vacuolization Cytoplasmic	Focal, Minimal
Brain	Hypothalamus	Compression	Mild
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-12			
Note: POSTERIOR CHAMBER INFLAMMATION=PHTHISIS BULBI			
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node	Mandibular, Sinus	Ectasia	Minimal
Note: ECTASIA TGLs = 3-7			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA TGLs = 4-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUITARY ADENOMA			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2944	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Note: HYPERPLASIA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2945	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
Note: DILATATION TGLs = 2-2			
[Dilatation TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2946	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 512
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Lung	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Multifocal, Mild
Clitoral Gland		Adenoma	
Note: C O MORB: CLITORAL GLAND ADENOMA			
Note: ADENOMA TGLs = 1-12			
Eye	Lens Crystalin	Cataract	Minimal
	Postr Chamber	Inflammation	Chronic, Minimal
Note: CATARACT TGLs = 4-11			
Note: POSTERIOR CHAMBER INFLAMM= PHTHISIS BULBI			
Liver		Basophilic Focus	
Lymph Node	Mandibular	Hemorrhage	Focal, Minimal
Note: HEMORRHAGE TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2947	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2948	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2949	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 800 PPM 3-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node	Mandibular, Sinus	Ectasia	Minimal
Note: ECTASIA TGLs = 3-7			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary			
Note: NO CORRESP LESION FOR RED OVARIES NOTED AT NECROPSY			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
Uterus		Hemorrhage	Moderate
	Cervix	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4-10			
Note: C O MORB: UNKNOWN			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 4-10			
Note: NO CORRESP LESION FOR YELLOW, VISCOUS			
Note: VAGINAL FLUID NOTED AT NECROPSY			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2950	**TRT#:** 13	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 3-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 1-1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2951	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2952	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Mild
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus	Cervix	Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 2-2			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2953	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Mild
Note: CATARACT TGLs = 1-2			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2954	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Note: NO CORRESP LESION FOR LIVER NODULE NOTED AT NECROPSY			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2955	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Islets, Pancreatic	Pancreas

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Myelofibrosis	Mild
Eye			
Note: NO CORRESP LESION FOR GROSS OBSERV OF EYE AT NECROPSY			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2956	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 639
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Islets, Pancreatic	Kidney	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Myelofibrosis	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
		Regeneration	Focal, Moderate
Note: [REGENERATION] TGLs = 2,3-12+13			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Lymph Node	Mandibular	Infiltration Cellular	Polymorphnuclr, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Salivary Glands	Parotid Gl	Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2957	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2958	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-2			
Uterus	Cervix	Inflammation	Suppurative, Moderate
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-2			
[Polyp Stromal TGLS = 3-3]			
Vagina		Cyst	Marked
Note: [CYST] TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2959	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 558
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Moderate
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: LEUKEMIA MONUC			
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2960	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2961	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Clitoral Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 2-3			
Eye	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-3			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Liver		Leukemia Mononuclear	
Lymph Node	Mesenteric, Sinus	Ectasia	Marked
Note: ECTASIA TGLs = 7-2			
Note: NO CORRESP LESION FOR MEDIASTINAL LYMPH NODE			
Note: ENLARGEMENT AND REDDENING NOTED AT NECROPSY			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 6-4			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Uterus			
Note: NO CORRESP LESION FOR CERVICAL FIRMNESS NOTED AT NECROPSY			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2962	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Skin		Acanthosis	Mild
		Hyperkeratosis	Marked
Note: ACANTHOSIS TGLs = 1-2			
Note: HYPERKERATOSIS TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2963	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Trachea	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Heart		Leukemia Mononuclear	
Intestine Small	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
	Pars Distalis	Cyst	
Note: CYST TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Note: C O MORB: LEUKEMIA MONUC			
Stomach	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2963	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2964	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2965	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Skin	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Necrosis	Caseous, Mild
Note: LEUKEMIA MONUC	TGLs = 6-13		
Note: LEUKEMIA MONUC	TGLs = 7,8-11+12		
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
	Periovarn Tiss	Necrosis	Caseous, Minimal
Note: LEUKEMIA MONUC	TGLs = 2,3-14+15		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2965	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
[Leukemia Mononuclear TGLS = 4-1]			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder	Wall	Leukemia Mononuclear	
Uterus	Wall	Leukemia Mononuclear	
Vagina		Cyst	Mild
Note: [CYST] TGLs = 5-10			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2966	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 491
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Atrophy	Moderate
	Cortex	Carcinoma	
Note: ATROPHY TGLs = 2-7			
Note: C O MORB: CARCINOMA OF ADRENAL CORTEX			
Note: CARCINOMA TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Liver		Basophilic Focus	
Lung		Carcinoma	Metastatic (Adrenal Gland)
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2967	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: [ANGIECTASIS] TGLs = 2-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2968	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Lens Crystalin	Cataract	Marked
	Postr Chamber	Inflammation	Chronic, Moderate
Note: CATARACT TGLs = 1-11			
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Lymph Node			
Note: MAND L N: NORMAL			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Sarcoma Stromal	
Note: [SARC STROMAL] TGLs = 2-10			
Note: C O MORB: UTERINE ENDOMETRIAL SARC STROMAL			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2969	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Ear	Middle Ear	Inflammation	Chronic Active, Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-2+3			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-7+13			
Note: LEUKEMIA MONUC TGLs = 6-12			
Note: LEUKEMIA MONUC TGLs = 4-2			
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Note: LEUKEMIA MONUC TGLs = 7-15			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2969	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Note: CYST TGLs = 9-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-14			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2970	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Clitoral Gland	Duct	Dilatation	Mild
Note: DILATATION TGLs = 2-2			
Eye	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION= PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2971	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 616
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urin Bladder			
Note: TISSUE WITH MUCUS HYPERPL ON SLIDE # 6 IS CERVIX UTERI			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2972	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Heart	Pericardium	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 1-13]			
Kidney			
Note: NO CORRESP LESION FOR KIDNEY PALLOR SEEN AT NECROPSY			
Liver	Centrilobular	Cytomegaly	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: C O MORB: BRONCHIOLO-ALVEOLAR CARCINOMA			
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-2+3]			
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 6-11			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 2-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2973	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus	Cervix	Inflammation	Suppurative, Moderate
		Polyp Stromal	
Note: INFLAMMATION TGLs = 2-2			
Note: POLYP STROMAL TGLs = 1-2			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2974	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver			Basophilic Focus	
		Centrilobular	Cytomegaly	Minimal
Ovary		Periovarn Tiss	Cyst	
Note: CYST	TGLs = 1-2			
Pituitary Gland		Pars Distalis	Cyst	
Note: CYST	TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2975	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 1-2			
Tongue		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2976	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 1-2			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: ANGIECTASIS TGLs = 3-2			
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2977	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Mild
Lung	Alveolus	Hemorrhage	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOMA			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2978	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2979	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic Active, Mild
Eye	Bilateral, Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Mild
Note: CATARACT TGLs = 1-11			
Note: POSTERIOR CHAMBERINFLAMMATION = PHTHISIS BULBI			
Heart	Coron Artery	Inflammation	Chronic, Mild
Kidney		Nephropathy	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUITARY ADENOMA			
Note: ADENOMA TGLs = 3-7			
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 2-12			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2980	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver	Leukemia Mononuclear
Spleen	Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-2	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2981	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

Intestine Small	Jejunum	Adenocarcinoma	
[Adenocarcinoma TGLS = 2-4]			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lymph Node			
Note: ENLARGEMENT NOTED AT NECROPSY			
Note: NO CORRESP LESION FOR MESENTERIC LYMPH			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 5-3			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2982	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Minimal
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION = PHTHISIS BULBI			
Note: CATARACT TGLs = 3-2			
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-3			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2983	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-2			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-1			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2984	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-2		
Uterus		Polyp Stromal
Note: POLYP STROMAL TGLs = 1-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2985	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-2			
Pituitary Gland	Pars Intermed	Cyst	
Note: CYST TGLs = 1-2			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2986	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus	Cervix	Inflammation	Suppurative, Moderate
	Endometrium	Necrosis	Coagulative, Marked
		Polyp Stromal	
Note: NECROSIS TGLs = 3-2			
Note: INFLAMMATION TGLs = 1-2			
[Inflammation TGLS = 2-2]			
Vagina		Cyst	Moderate
Note: [CYST] TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2987	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2988	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Eye	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: POSTERIOR CHAMBER INFLAMMATION = PHTHISIS BULBI			
Note: CATARACT TGLs = 1-2			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2989	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2990	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: C O MORB: LEUKEMIA MONUC			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2991	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2992	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lung		Sarcoma	Metastatic (Uncertain Primary Site)
Note: PRIMARY-SITE IS UNKNOWN			
Lymph Node			
Note: MAND L N: NORMAL			
Ovary	Vein	Congestion	Mild
Note: CONGESTION TGLs = 3-13			
Note: CONGESTION TGLs = 2-13			
Thyroid Gland	C Cell	Hyperplasia	Marked
Urinary Bladder		Ectasia	Moderate
Note: ECTASIA TGLs = 1-11			
Uterus		Adenocarcinoma	
		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: ADENOCARC TGLs = 3,4-10			
Note: C O MORB: ADENOCARCINOMA OF UTERUS			
Note: POLYP STROMAL TGLs = 3,4-12+13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2993	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2994	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: ANGIECTASIS TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2995	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

OBSERVATIONS

Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: ANGIECTASIS TGLs = 1-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2996	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	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	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Marked
		Leukemia Mononuclear	
Note: FATTY CHANGE TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-2			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 4-12			
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
Note: LEUKEMIA MONUC TGLs = 3-11			
Note: NECROSIS TGLs = 5-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2996	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2997	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 800 PPM 10-3	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PTUIT ADEN AND FIBROAD OF THORACIC MAMM GL			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Trachea		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2998	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 800 PPM 10-3	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Ovary			
Note: NO CORRESP LESION FOR GROSS OBS OF OVARIES AT NECROPSY			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Marked
Note: [ANGIECTASIS] TGLs = 1-7			
Stomach	Forestomach	Edema	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2999	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**
OBSERVATIONS			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3000	**TRT#:** 14	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 800 PPM 10-3	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Thymus

OBSERVATIONS

Eye	Lens Crystalin	Cataract	Marked
[Cataract TGLS = 1-5]			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2+3]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-5			
Note: LEUKEMIA MONUC TGLs = 6-4			
[Leukemia Mononuclear TGLS = 4,5-5+6]			
[Leukemia Mononuclear TGLS = 10-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 9-6			
Uterus	Cervix	Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 11-7]			
Vagina		Cyst	Mild
Note: [CYST] TGLs = 11-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3001	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	
MISSING			
Thymus			
OBSERVATIONS			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3002	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Moderate
Intestine Large	Colon	Parasite Metazoan	
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1,2-4+11			
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3003	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3004	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Clitoral Gland		Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3005	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Note: [CLEAR CL FOCUS] TGLs = 1-4			
Note: NO CORR LESION FOR GROSS OBSERVATION			
Note: OF LIVER LEFT LATERAL LOBE AT NECROPSY			
Lung	Alveolus	Hemorrhage	Mild
Note: LUNG HEMORRHAGE PROBABLY AGONAL			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gl			
Note: MAMMARY GLAND EXAMINED ON SLIDE #10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3006	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3007	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gl			
Note: EXAMINED MAMMARY GL ON SLIDE # 10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Note: [HYPERPLASIA] TGLs = 2-7			
Thyroid Gland	Follicle	Dilatation	Multifocal, Mild
	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3008	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1			
Thyroid Gland	Follicle	Dilatation	Multifocal, Minimal
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3009	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Atrium Lft	Thrombosis	
Note: C O MORB: LEFT ATRIAL THROMBUS			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
Note: [ANGIECTASIS] TGLs = 2-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3010	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Fibrosis	Focal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Follicle	Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3011	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-4			
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3012	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Hypothalamus	Compression	Moderate
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
	Postr Chamber	Inflammation	Chronic, Moderate
Note: OCULAR INFLAMMATION= PHTHISIS BULBI			
Note: CATARACT TGLs = 2-12			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3012	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3013	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3014	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3015	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOM			
Note: ADENOMA TGLs = 1-7			
Salivary Glands	Acinus, Parotid Gl	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3016	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Vagina		Cyst	Marked
Note: [CYST] TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3017	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 2-12			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC AND MAMM GL ADENOMA			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3018	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Heart	Coron Artery	Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Note: ECTASIA TGLs = 1-7			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	Follicle	Dilatation	Focal, Minimal
	C Cell	Hyperplasia	Mild
Tooth		Dysplasia	Mild
Uterus	Endometrium	Necrosis	Coagulative, Marked
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3019	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Brain	Hypothalamus	Compression	Moderate
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: MAND L N: NORMAL			
Note: ECTASIA TGLs = 1-11			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: C O MORB: PITUIT ADENOMA			
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3020	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Mild
	Postr Chamber	Inflammation	Chronic, Mild
Note: OCULAR INFLAMMATION CONSISTENT WITH PHTHISIS BULBI			
Note: CATARACT TGLs = 1-11			
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary		Granulosa Cell Tumor Malignant	
Note: GRANLSA TM MAL TGLs = 3-10			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3021	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Eye	Antr Chamber	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-11			
Harderian Gland		Inflammation	Chronic, Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lung		Carcinoma	Metastatic (Zymbal'S Gland)
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 3-7			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	
Note: C O MORB: CARCINOMA OF ZYMBAL'S GLAND			
Note: CARCINOMA TGLs = 1-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3022	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3023	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	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	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Note: LEUKEMIA MONUC TGLs = 3-2			
[Leukemia Mononuclear TGLS = 4-11]			
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3024	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 622
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pituitary Gland	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Gliosis	Focal, Minimal
Clitoral Gland		Leukemia Mononuclear	
Esophagus		Leukemia Mononuclear	
Harderian Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
Liver	Sinusoid	Angiectasis	Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 2-5+7			
Mammary Gland		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Note: MESENTERY EXAMINED ON SLIDE #6			
Nose	Nerve	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Parathyroid Gland		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Skeletal Muscle	Abdominal, Ventral	Leukemia Mononuclear	
	Head	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3024	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 622
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Neck	Leukemia Mononuclear
Skin		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1,5-7+11		
Spleen		Leukemia Mononuclear
Note: C O MORB: LEUKEMIA MONUC		
Thymus		Leukemia Mononuclear
Thyroid Gland		Leukemia Mononuclear
Trachea		Leukemia Mononuclear
Urinary Bladder		Leukemia Mononuclear
Uterus		Leukemia Mononuclear
		Polyp Stromal
Note: POLYP STROMAL TGLs = 4-10		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3025	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3026	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-10			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3027	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3028	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-1]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3029	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Endocardium	Schwannoma Benign	
Kidney		Leukemia Mononuclear	
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: EOSIN FOCUS TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland		Angiectasis	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3030	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Chronic, Mild
Eye	Sclera	Mineralization	Multifocal, Mild
Note: MINERALIZATION TGLs = 1-11			
Note: NO CORR LESION FOR GROSS FINDING IN EYE AT NECROPSY			
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Sinus	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 2-1			
Stomach	Forestomach	Inflammation	Suppurative, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3030	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 3-10	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3031	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3032	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Moderate
Intestine Large	Colon	Parasite Metazoan	
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-11			
Note: C O MORB: FIBROADENOMA OF MAMM GL			
Spleen		Fibrosis	Focal, Moderate
Note: FIBROSIS TGLs = 3-1			
Thyroid Gland	Bilateral, C Cell	Adenoma	
Uterus	Endometrium	Adenoma	
Note: [ADENOMA] TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3033	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	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	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node	Salivary Glands

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MAN L N: MISSING			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary			
Note: NO CORR LESION FOR GROSS OBSERVATIONS OF OVARIES			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Note: C O MORB: PITUIT ADENOM			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Wall	Inflammation	Chronic Active, Moderate
		Prolapse	
Note: PROLAPSE TGLs = 4-11			
Vagina		Prolapse	
Note: PROLAPSE TGLs = 2-11			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3034	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3035	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Hypertrophy	Focal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3036	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Necrosis	Coagulative, Marked
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3037	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Carcinoma	
Note: C O MORB: CLITORAL GL CARCINOMA			
Note: CARCINOMA TGLs = 2-11			
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-12			
Liver	Centrilobular	Cytomegaly	Mild
Note: CYTOMEGALY TGLs = 4-4			
Lymph Node			
Note: NO CORR LESION FOR MEDIASTINAL LYMPH NODE NECROPS FINDING			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3038	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3039	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Mild
Note: [ANGIECTASIS] TGLs = 2-7			
Stomach	Glandular, Mucosa	Proliferation	Focal, Moderate
Note: PROLIFERATIVE STOMACH LESION= MUCOSAL POLYP			
Note: PROLIFERATION TGLs = 3-6			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Wall	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3040	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Heart	Endocardium	Proliferation	Mild
Note: BUREK (PATH OF AGING RAT, CRC PRESS, 1978)			
Note: ENDOCARDIAL PROLIFERATION= ENDOCARDIAL DISEASE OF			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3041	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Note: LEUKEMIA MONUC TGLs = 5-11			
Note: LEUKEMIA MONUC TGLs = 1-7			
[Leukemia Mononuclear TGLS = 2-12]			
Ovary		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-13			
Note: C O MORB: LEUKEMIA MONUC			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Gingiva	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3041	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3042	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3043	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3044	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 499
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Minimal
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 3-5			
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Minimal
Lung	Alveolus	Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 2-2			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			
Note: LEUKEMIA MONUC TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3044	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 499
	DOSE: 2400 PPM 0-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3045	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Skin	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Harderian Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-5+7			
Note: LEUKEMIA MONUC TGLs = 5-11			
Note: LEUKEMIA MONUC TGLs = 4-2			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Parathyroid Gland		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
Note: [ANGIECTASIS] TGLs = 1-7			
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: C O MORB: LEUKEMIA MONUC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3045	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 2400 PPM 0-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-1

Stomach	Forestomach	Leukemia Mononuclear
	Glandular	Leukemia Mononuclear
Thymus		Leukemia Mononuclear
Thyroid Gland		Leukemia Mononuclear
Uterus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3046	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Heart	Epicardium	Inflammation	Chronic, Minimal
Intestine Small	Ileum	Inflammation	Chronic Active, Focal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: ECTASIA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3047	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3048	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Epicardium	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3049	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3050	**TRT#:** 15	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 0-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Thyroid Gland	Follicle	Dilatation	Focal, Minimal
	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3051	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Uterus

OBSERVATIONS

Ear	Canal, External Ear	Exudate	Subacute, Mild
Kidney	Pelvis, Renal Tubule	Bacterium	
		Inflammation	Necrotizing, Multifocal, Marked
Note: C O MORB: INLAMM OF KDNEY- PYELONEPHRITIS			
[Inflammation TGLS = 2-1]			
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Diffuse, Marked
		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 1-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3052	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	Follicular Cel	Adenocarcinoma	
	C Cell	Hyperplasia	Minimal
Note: ADENOCARC TGLs = 1-7			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3053	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Moderate
Heart	Epicardium	Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
Note: NO CORR LESION FOR GROSS LIVER OBSERVATION AT TRIM			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gl			
Note: MAMMARY GLAND EXAMINED ON SLIDE #10			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
Note: ANGIECTASIS TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3054	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Angiectasis	Focal, Moderate
Note: ANGIECTASIS TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3055	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3056	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 128
	DOSE: 2400 PPM 10-10	**DISP:** Drowned	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Lung		Congestion	Mild
Note: CONGESTION TGLs = 2-3			
Note: C O MORB: DROWNING			
Lymph Node			
Note: MAND L N: NORMAL			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3057	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 128
	DOSE: 2400 PPM 10-10	**DISP:** Drowned	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 2-3			
Note: C O DEATH: DROWNING			
Lymph Node			
Note: MAND L N: NORMAL			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3058	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 128
	DOSE: 2400 PPM 10-10	**DISP:** Drowned	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 1-1			
Lung		Congestion	Mild
Note: C O DEATH: DROWNING			
Note: CONGESTION TGLs = 2-3			
Lymph Node			
Note: MAND L N: NORMAL			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3059	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 128
	DOSE: 2400 PPM 10-10	**DISP:** Drowned	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Uterus			
Note: C O DEATH: DROWNING			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3060	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 128
	DOSE: 2400 PPM 10-10	**DISP:** Drowned	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: C O DEATH: DROWNING			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3061	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Atrium Lft	Thrombosis	
Note: C O MORB: LEFT ATRIAL THROMBUS			
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gl			
Note: NO CORR LESION FOR GROSS OBSERVATION OF PITUITARY			
Skin		Edema	Moderate
Note: EDEMA TGLs = 2-11			
Thyroid Gland	C Cell	Adenoma	
Uterus		Sarcoma Stromal	
Note: [SARC STROMAL] TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3062	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Lens Crystalin	Cataract	Minimal
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 3-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3063	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3064	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 395
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus			
Note: C O MORB:UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3065	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 1-10			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver		Basophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3066	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 582
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Eye			
Note: NO CORR LESION FOR GROSS OBSERV OF EYE AT NECROPSY			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Wall	Bacterium	
	Wall	Inflammation	Chronic Active, Moderate
		Prolapse	
Note: C O MORB: UTERINE PROLAPSE			
Note: PROLAPSE TGLs = 2-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3067	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
	Medulla	Hyperplasia	Nodular, Minimal
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic, Mild
Note: DILATATION TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND LN: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3068	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 1-11			
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary	Follicle	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3069	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Large	Colon	Inflammation	Chronic, Focal, Minimal
	Colon	Parasite Metazoan	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Focal, Moderate
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3069	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3070	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
	Medulla	Hyperplasia	Nodular, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3071	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3072	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Spleen			
Note: N C L FOR SPLEEN LESION NOTED AT NECROPSY			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus			
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3073	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Valve	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
Uterus	Wall	Inflammation	Chronic Active, Mild
Vagina		Cyst	Marked
Note: [CYST] TGLs = 1-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3074	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gl			
Note: MAMM GLAND EXAMINED ON SLIDE #10			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			
Note: C O MORB: LEUKEMIA MONUC			
Stomach			
Note: N C L FOR STOMACH LESION NOTED AT NECROPSY			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3075	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Moderate
Note: CATARACT TGLs = 1-11			
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Interstitium	Inflammation	Chronic, Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Spleen			
Note: NO CORR LESION FOR GROSS OBSERVATION OF SPLEEN AT NECR			
Thyroid Gland	C Cell	Hyperplasia	Mild
Vagina		Cyst	Marked
Note: [CYST] TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3076	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic, Minimal
Note: DILATATION TGLs = 3-10			
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3077	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 2400 PPM 10-10	**DISP:** Natural Death	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
AUTO PRECLUDES DIAG.			
Thyroid Gland			
OBSERVATIONS			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Uterus			
Note: C O DEATH: UNKNOWN			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3078	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Clitoral Gland		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Skin		Inflammation	Chronic, Minimal
Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3079	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3080	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: ECTASIA TGLs = 4-11			
Note: LEUKEMIA MONUC TGLs = 1-5+7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3081	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Intestine Large	Colon	Inflammation	Chronic, Focal, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
[Cytomegaly TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1,2-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3082	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 593
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Moderate
Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: ATROPHY TGLs = 2-11			
Note: CATARACT TGLs = 1-11			
Intestine Large	Colon	Parasite Metazoan	
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus			
Note: C O MORB: UNKNON			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3083	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
Lung	Artery	Mineralization	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3084	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
	Cortex	Mineralization	Focal, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Lamina Propria	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3085	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
		Leukemia Mononuclear	
Liver	Centrilobular	Cytomegaly	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Ectopic Tissue	
Note: THE ECTOPIC TISSUE LOCATED IN PANCREAS IS LIVER TISSUE			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3086	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Infarct	Mild
Note: INFARCT TGLs = 1-1			
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOM			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3087	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Coron Artery	Inflammation	Chronic, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 1-11			
Lymph Node			
Note: MAND L N: NORMAL			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Adenocarcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3088	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-10			
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL. L NODE EXAMINED ON SLIDE #5			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Cyst	Marked
Note: [CYST] TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3089	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens Crystalin	Cataract	Marked
Note: CATARACT TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
	Epicardium	Inflammation	Chronic, Minimal
	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hypertrophy	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3090	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Large	Colon	Dilatation	Marked
	Cecum	Ulcer	Mild
Note: DILATATION TGLs = 3-11			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Minimal
Skin		Infiltration Cellular	Polymorphnuclr, Moderate
Note: INFILTRAT CELL TGLs = 1-12			
Note: CONSISTENT WITH DIAGNOSIS OF ABSCESS			
Note: APPEARANCE OF CELLS FROM SKIN MASS IS			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3091	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
Note: [CLEAR CL FOCUS] TGLs = 3-4			
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Sarcoma Stromal	
Note: SARC STROMAL TGLs = 2-10			
Note: C O MORB: ENDOMETRIAL STROMAL SARC OF UTERUS			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3092	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Necrosis	Coagulative, Marked
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3093	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
	Medulla	Hyperplasia	Nodular, Mild
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Intestine Small	Ileum	Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Regeneration	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3094	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Chronic, Minimal
Note: DILATATION TGLs = 1-10			
Ear	Middle Ear	Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3095	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Lamina Propria	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3096	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus			
Note: C O MORB: UNKNOWN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3097	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Ear	Middle Ear	Inflammation	Subacute, Moderate
Heart		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Mammary Gland		Fibroadenoma	
		Necrosis	Coagulative, Moderate
Note: FIBROADENOMA TGLs = 1-13			
Mesentery		Leukemia Mononuclear	
Note: ATTACHED TO JEJUNUM			
Note: MESENTERY WAS EVALUATED ON SIDE 6.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Note: C O MORB: LEUKEMIA MONUC AND MIDDLE EAR INFLAMM			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3097	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3098	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Mild
Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Skin			
Note: SKIN EXAMINED ON SLIDE #11			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3099	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 2400 PPM 10-10	**DISP:** Terminal Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 2-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-7			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
	Wall	Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 1,3-10+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3100	**TRT#:** 16	**SEX:** Female	**DAY ON TEST:** 587
	DOSE: 2400 PPM 10-10	**DISP:** Moribund Sacrifice	**HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Nodular, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain	Hypothalamus	Compression	Marked
Ear	Middle Ear	Inflammation	Chronic Active, Mild
Heart	Myocardium	Degeneration	Multifocal, Mild
Lymph Node			
Note: MAND L N: NORMAL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Inflammation	Chronic, Moderate
Peripheral Nerve	Spinal	Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 1-11			
Note: SITE OF SCHWANNOMA ASSIGNED TO CAUDAL SPINAL NERVE			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Note: C O MORB: PITUIT ADENOMA			
Stomach	Forestomach	Inflammation	Subacute, Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Note: ATTEMPTED RECUT OF THYROID BUT INSUFFICIENT TISSUE			
Note: REMAINED			

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE