C Number:	C60822B
Lock Date:	05/15/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	10/12/1993

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain			
Note: FOCAL MENINGEAL THICKENING ADJ TO CEREBELLUM--WNL			
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
* Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 6-13]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17993

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-1]			
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
* Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Skin		Fibroma	
		Ulcer	Mild
[Fibroma TGLS = 4-11]			
[Ulcer TGLS = 3-7]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7,8-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17994

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	
[Thrombosis TGLS = 3-4]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Degeneration	Cystic, Marked
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
[Degeneration TGLS = 8-4]			
[Hepatocellular Carcinoma TGLS = 9-11]			
[Leukemia Mononuclear TGLS = 8,10-4+12]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1,2-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1,2-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1,2-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1,2-2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17995

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone Marrow		Hyperplasia	Reticulum Cell, Marked
* Brain			
Note: CLUMP OF CELLS IN MENINGES OF CEREBELLUM: FLOATER			
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
[Necrosis TGLS = 6-4]			
[Vacuolization Cytoplasmic TGLS = 6-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Skin		Ulcer	Marked
[Ulcer TGLS = 3-12]			
* Spleen		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 5-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17996

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-5]			
* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 1-4]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 11,12-12+11]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,10-14]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,10-14]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,10-14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,10-14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17997

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 13-7]			
[Inflammation TGLS = 13-7]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-13]			
[Leukemia Mononuclear TGLS = 6-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2,4-7]			
[Atrophy TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Hemorrhage	Moderate
		Hydrocephalus	Mild
[Hemorrhage TGLS = 4-1]			
[Hydrocephalus TGLS = 5-1]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17998

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]		
* Thymus		Leukemia Mononuclear
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
[Cardiomyopathy TGLS = 5,6-13]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3+11]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6,8-15]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6,8-15]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6,8-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6,8-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 17999

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Minimal
Note: FB IS BENEATH EPITH IN DORSAL MEATUS IN XS3.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 9-14]			
* Skin		Acanthosis	Moderate
		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 9-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Vacuolization Cytoplasmic	Mild
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Reticulum Cell, Marked
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-6]			
* Nose		Foreign Body	Mild
		Hemorrhage	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Spleen		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 2-11]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18001

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 524
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Mammary Gland	* Pancreas
Peripheral Nerve	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 5-12]			
* Nose		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 524
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18002

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Intermed	Adenoma	
* Preputial Gland		Ectasia	Moderate
Spinal Cord			
Note: SOME VACUOLATION SUGGESTING AXONAL DEGEN;THIS IS			
Note: INTERPRETED AS WNL FOR OLD F344 RAT.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Colon	Lumen	Parasite Metazoan	
* Kidney	Cortex	Necrosis	Moderate
		Thrombosis	
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	
[Cyst TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Atrium	Thrombosis	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18004

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Leukemia Mononuclear TGLS = 8-4]			
* Lung		Embolus	
		Leukemia Mononuclear	
		Neoplasm Nos	Metastatic (Uncertain Primary Site)
Lymph Node	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,5-13,10-17]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,5-13,10-17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,5-13,10-17]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,5-13,10-17]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,5-13,10-17]			
Mesentery		Hemorrhage	Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18005

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Moderate
[Hemorrhage TGLS = 11-15]			
[Leukemia Mononuclear TGLS = 9-18]			
[Necrosis TGLS = 3-16]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Ectasia	Moderate
		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7+14]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-12]			
[Leukemia Mononuclear TGLS = 6-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Intestine Large, Cecum	Lumen	Parasite Metazoan	
Note: WORM XS IS LYING AWAY FROM OPENED CECUM.			
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
* Larynx		Foreign Body	Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Hemorrhage	Minimal
	Alveolus	Inflammation	Chronic, Minimal
[Hemorrhage TGLS = 5-3]			
* Nose		Hemorrhage	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18006

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]
[Atrophy TGLS = 4-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 394
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Preputial Gland

OBSERVATIONS

* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 1-1]			
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Brain		Hemorrhage	Minimal
* Intestine Large, Colon	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 5-13]			
[Leukemia Mononuclear TGLS = 4,6,7-4]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Alveolus	Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 3-11]			
* Nose		Foreign Body	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18009

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Forestomach		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Intestine Large, Cecum	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,1-2]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,1-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,1-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,1-2]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18010

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Mild
[Hemorrhage TGLS = 7-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Degeneration	Cystic, Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Lung	Alveolus	Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18011

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-12,7-13,8-5,1-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-11]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
* Epididymis		Mesothelioma Nos	
* Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 2-11]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Marked
* Lung	Alveolus	Inflammation	Chronic, Mild
Lymph Node		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 6-2]			
* Lymph Node, Mediastinal		Pigmentation	Marked
[Pigmentation TGLS = 6-2]			
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 3-4+12]			
* Preputial Gland		Ectasia	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Hyperplasia	Reticulum Cell, Marked
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18012

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
	Bilateral	Mesothelioma Nos	
[Atrophy TGLS = 4-7]			
[Mesothelioma Nos TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 2-1]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Marked
		Hemorrhage	Marked
[Hemorrhage TGLS = 3-8]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric

OBSERVATIONS

* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: CONTROL	**DISP:** Natural Death	**HISTO:** 18015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Intestine Large, Colon	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 4-5]			
* Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Marked
		Metaplasia	Squamous, Mild
Note: FB AND SQUAM METAPL IN VENTRAL POUCH.			
* Liver		Basophilic Focus	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
* Lung		Hemorrhage	Minimal
	Alveolus	Inflammation	Chronic, Minimal
* Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Note: LESIONS IN XS 1 ASSOC W FB.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Ectasia	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18016

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* 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
* Kidney	* Larynx	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3,11-11+12,1-7,6-2,3,9-6+13]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3,11-11+12,1-7,6-2,3,9-6+13]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-11+12,1-7,6-2,3,9-6+13,10-3]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3,11-11+12,1-7,6-2,3,9-6+13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3,11-11+12,1-7,6-2,3,9-6+13]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 12-7]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18017

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-11]			
* Testes	Interstit Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,8-4+11]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16,7-2]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16,7-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16,7-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16,7-2]			
* Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Chronic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18018

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-8]		
* Preputial Gland		Carcinoma
[Carcinoma TGLS = 1-14+15]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4,9,10-12+13]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2,11-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-4]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Preputial Gland		Ectasia	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
* Stomach, Forestomach		Edema	Mild
		Inflammation	Suppurative, Mild
		Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18019

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Mild
* Skin		Hyperkeratosis	Marked
Note: RECUTS ON TGL 1:NOTHING BUT KERATINIZED EPITH.			
[Hyperkeratosis TGLS = 1-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 3-11]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 418
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 9-4]			
* Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-11]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,8-14,3-2,10-3,7-13]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,8-14,3-2,10-3,7-13]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,8-14,3-2,10-3,7-13]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,8-14,3-2,10-3,7-13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,8-14,3-2,10-3,7-13]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 418
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18023

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 12-7]			
[Inflammation TGLS = 12-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			
* Stomach, Forestomach		Acanthosis	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-8]			
* Stomach, Glandular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-8]			
* Testes		Hemorrhage	Marked
	Interstit Cell	Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
		Necrosis	Marked
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 520
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4,5-1]			
* Kidney		Nephropathy	Chronic, Mild
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Suppurative, Mild
		Ulcer	Marked
[Ulcer TGLS = 6-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Marked
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: FOCUS OF CA IN MEDIASTINUM ON OPP SIDE.			
Note: CA ALSO ON OPP SIDE BUT NOT IN PARENCHYMA;			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18025

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 472
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
* Mammary Gland		Galactocele	
[Galactocele TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 4-11]			
* Skin		Ulcer	Moderate
Note: ULCER ON SKIN ASSOC WITH PREPUTIAL GLAND CA.			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Degeneration	Cystic, Marked
		Leukemia Mononuclear	
Note: LOOKS SIMILAR TO ANGIECTASIS; SEE F344 RAT BOOK.			
* Lung		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Mesentery		Hemorrhage	Marked
	Fat	Necrosis	Marked
[Necrosis TGLS = 8-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-11]			
[Leukemia Mononuclear TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18027

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 5,6-7]			
[Atrophy TGLS = 7-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Hemorrhage	Minimal
Lymph Node	Lumbar	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Preputial Gland		Ectasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: LUMBAR LN HAS SOME PIGMENT;NCL FOR GROSS OBS OF "RED".

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Glioma Malignant	
		Gliosis	Moderate
Ear	Pinna	Schwannoma Benign	
* Epididymis		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 3-12+13]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Lung		Hemorrhage	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral	Mesothelioma Nos	
[Mesothelioma Nos TGLS = 2-7+11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Skin	* Spleen
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-5]			
* Liver		Vacuolization Cytoplasmic	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			
* Preputial Gland		Ectasia	Moderate
* Seminal Vesicle		Inflammation	Suppurative, Mild
* Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Suppurative, Mild
		Ulcer	Marked
[Ulcer TGLS = 3-11,4-11]			
* Stomach, Glandular		Ulcer	Marked
[Ulcer TGLS = 3-11,4-11]			
* Urinary Bladder		Hemorrhage	Moderate
		Metaplasia	Squamous, Mild
		Ulcer	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18030

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 511
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Reticulum Cell, Marked
* Epididymis		Mesothelioma Nos	
* Heart		Mesothelioma Nos	Metastatic (Testes)
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Mesothelioma Nos	Metastatic (Testes)
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-12]			
* Spleen		Hyperplasia	Reticulum Cell, Moderate
[Hyperplasia TGLS = 3-4]			
* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Moderate
	Bilateral	Mesothelioma Nos	
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
* Heart	Atrium	Thrombosis	
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 6-4]			
* Nose		Foreign Body	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Acanthosis	Moderate
		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 7-12]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-11]			
[Leukemia Mononuclear TGLS = 1-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18032

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3,4-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 2-7]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Dilatation	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Reticulum Cell, Marked
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-6+12]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-6+12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-6+12]			
* Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18034

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 7-11]		
[Leukemia Mononuclear TGLS = 6-11]		
* Testes	Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Degeneration	Cystic, Marked
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Degeneration TGLS = 6-12]			
[Leukemia Mononuclear TGLS = 5,8,9-4+11+13]			
* Lung	Pleura	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 10-7+14]			
* Prostate	Epithelium	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18035

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 5-8]			
* Preputial Gland		Inflammation	Suppurative, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Reticulum Cell, Marked
* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 7,8-1]			
* Intestine Large, Colon	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Preputial Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-12]			
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Intestine Large, Cecum	Lumen	Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Pelvis, Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Mild
* Preputial Gland		Ectasia	Moderate
* Spleen		Fibrosis	Marked
		Hemorrhage	Moderate
[Fibrosis TGLS = 4-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Moderate
* Larynx		Hyperplasia	Mild
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Fibrosis	Mild
		Leukemia Mononuclear	
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
* Nose		Hemorrhage	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Larynx
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Rectum	Lumen	Parasite Metazoan	
* Intestine Small, Jejunum		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-5]			
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18040

ORGAN AND ACCOUNTABLE SITE STATUS

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

Animal Note: PINWORM XS IN MESENTERY,W/ SURROUNDING EOSNOPHILS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Intestine Large, Rectum	Lumen	Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5+12]			
* Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-13]			
* Nose		Hemorrhage	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 7-7]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Blood Vessel		Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Larynx		Inflammation	Suppurative, Minimal
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Heart	Atrium	Thrombosis	
Note: DECREASED FLOW FROM LEUK INFILT IN LIVER.			
Note: THROMBUS>CONGESTION>DILATATION? COULD ALSO BE 2NDARY TO			
[Thrombosis TGLS = 2-4]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Hepatodiaphragmatic Nodule TGLS = 9-11]			
[Leukemia Mononuclear TGLS = 4-4+11]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
* Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18043

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14,3-2,6-13,7-6]			
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-12]			
* Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Suppurative, Mild
		Ulcer	Moderate
[Ulcer TGLS = 11-8]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 1-7]			
[Hyperplasia TGLS = 10-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver			
Note: NO DIFFERENCE IN ARCHITECTURE.			
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Nose		Foreign Body	Mild
		Hemorrhage	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Skin		Fibroma	
[Fibroma TGLS = 1-11]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum	Lumen	Parasite Metazoan	
* Intestine Small, Jejunum		Fibrosarcoma	
[Fibrosarcoma TGLS = 6-12]			
* Kidney		Nephropathy	Chronic, Moderate
* Larynx		Inflammation	Suppurative, Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-13]			
* Skin		Fibroma	
		Ulcer	Mild
[Fibroma TGLS = 3-14]			
[Ulcer TGLS = 2-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-4+15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7,8-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18045

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland	
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Portal	Fibrosis	Moderate
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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	* Islets, Pancreatic	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Blood Vessel	Aorta	Inflammation	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: STRUCTURE ANT TO TBLN IS INTERPRET AS LYMPHOID TISSUE.			
[Hemorrhage TGLS = 3-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* 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	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone	Rib	Osteosarcoma	
[Osteosarcoma TGLS = 2-11]			
* Brain		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 1-4]			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 6-3]			
* Lymph Node, Mediastinal		Leukemia Mononuclear	
* Nose		Foreign Body	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18048

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 4,8-7]		
* Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3,4-1]			
Kidney		Nephropathy	Chronic, Mild
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Larynx		Foreign Body	Moderate
		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
Note: LESIONS ASSOC W/ FB, IN VENTRAL POUCH AND CAUDAL LX.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Leukemia Mononuclear TGLS = 7-4+12]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 9-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18106

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-11]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Chronic, Mild
Note: UNILATERAL LESIONS IN XS1 AND 2.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 2-4]			
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-11]			
[Leukemia Mononuclear TGLS = 5-4+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18107

ORGAN AND ACCOUNTABLE SITE STATUS

Testes [Adenoma TGLS = 3-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Larynx	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla	Pheochromocytoma Benign	
Bone Marrow	Leukemia Mononuclear	
Brain	Hemorrhage	Moderate
[Hemorrhage TGLS = 11-1]		
Islets, Pancreatic	Adenoma	
Kidney	Leukemia Mononuclear	
	Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 8-5]		
Liver	Basophilic Focus	
	Leukemia Mononuclear	
	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 9-4+11]		
Lung	Leukemia Mononuclear	
Lymph Node, Bronchial	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-12,12-2]		
Lymph Node, Mandibular	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-12,12-2]		
Lymph Node, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-12,12-2]		
Lymph Node, Mesenteric	Hemorrhage	Marked
	Leukemia Mononuclear	
[Hemorrhage TGLS = 7-12]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18109

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-7,7-12,12-2]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
[Leukemia Mononuclear TGLS = 3,6-15+16]			
[Necrosis TGLS = 3,6-15+16]			
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
[Cyst TGLS = 2-8]			
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-14]			
[Leukemia Mononuclear TGLS = 5-13+14]			
Stomach, Forestomach		Inflammation	Suppurative, Moderate
		Ulcer	Marked
[Ulcer TGLS = 13-8]			
Testes	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-2]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Larynx		Metaplasia	Squamous, Minimal
Note: LESION ON BASE OF EPIGLOTTIS.			
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,9-13,1-7,2-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,9-13,1-7,2-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,1-7,2-2,9-13]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,9-13,1-7,2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,9-13,1-7,2-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18111

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 4,11-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 6-7]			
[Atrophy TGLS = 5-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 6-4]			
[Eosinophilic Focus TGLS = 11-12]			
[Leukemia Mononuclear TGLS = 5-4+12]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate
Skin		Cyst Epithelial Inclusion	
		Hyperkeratosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18112

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst Epithelial Inclusion TGLS = 1-15]			
[Hyperkeratosis TGLS = 10-11]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-14]			
[Leukemia Mononuclear TGLS = 4-13+14]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone		Developmental Malformation	
[Developmental Malformation TGLS = 2-11]			
Bone Marrow		Leukemia Mononuclear	
Epididymis		Mesothelioma Nos	
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Marked
		Leukemia Mononuclear	
[Degeneration TGLS = 6-12]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Galactocele	
		Inflammation	Chronic, Moderate
[Fibroadenoma TGLS = 1-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18113

ORGAN AND ACCOUNTABLE SITE STATUS

[Galactocele TGLS = 1-15]			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 9-14]			
[Leukemia Mononuclear TGLS = 8-13+14]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
		Mesothelioma Nos	
[Adenoma TGLS = 5-7]			
[Atrophy TGLS = 4-7]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 9-3]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Prostate		Inflammation	Suppurative, Mild
Skin		Acanthosis	Mild
		Cyst	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic, Moderate
[Acanthosis TGLS = 1-12]			
[Cyst TGLS = 3-13]			
[Hyperkeratosis TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18114

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Ileum	Intestine Small, Jejunum

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
Kidney	Pelvis	Dilatation	Marked
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Note: MUST BE UREMIA 2NDARY TO ACUTE BLOCKAGE.			
Note: NEPHTOPATHY NOT SEVERE ENOUGH TO CAUSE MINERALIZATION;			
[Dilatation TGLS = 1-5]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Moderate
Seminal Vesicle		Hyperplasia	Moderate
Stomach, Forestomach		Hyperkeratosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Urinary Bladder		Hemorrhage	Marked
		Inflammation	Suppurative, Marked
		Mineralization	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18115

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large, Colon	Intestine Small, Jejunum

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Medulla	Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hemorrhage TGLS = 2-3]			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Eye		Cataract	Mild
[Cataract TGLS = 1-11]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked
[Adenoma TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 555
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial	Lymph Node, Mandibular

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 4-13]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Heart	Atrium	Thrombosis	
Intestine Small, Duodenum		Diverticulum	Moderate
[Diverticulum TGLS = 4-12]			
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Developmental Malformation	
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 6-11]			
[Leukemia Mononuclear TGLS = 3-11]			
Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 7-8]			
Stomach, Glandular		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18120

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 8-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: RECUTS ON ADRENAL; NO CHANGE IN DX.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Mild
Note: RECUTS ON ADRENAL; MORE MEDULLA, STILL NORMAL.			
Brain		Hemorrhage	Moderate
		Hydrocephalus	Mild
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Marked
		Eosinophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 56
	DOSE: 100 PPM	**DISP:** Other	**HISTO:** 18122

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

Tooth

OBSERVATIONS

Tooth

Note: MISSEXED ANIMAL, NO NECROPSY, NO HISTOLOGY, NO PATH.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Trachea	

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Marked
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-14,7-6]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-14,7-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-14,7-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-14,7-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-14,7-6]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18123

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 8-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Stomach, Forestomach		Acanthosis	Moderate
		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
		Ulcer	Marked
[Acanthosis TGLS = 10-13]			
[Inflammation TGLS = 10-13]			
[Leukemia Mononuclear TGLS = 9-13]			
[Ulcer TGLS = 10-13]			
Stomach, Glandular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 9-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-3+11]			
[Infiltration Cellular TGLS = 4-3+11]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5,3-2,2-7]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5,3-2,2-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5,3-2,2-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5,3-2,2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18124

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5,3-2,2-7]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 12-14]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Moderate
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-15]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 6,7-7]			
[Atrophy TGLS = 5-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Glandular	Testes
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Kidney		Nephropathy	Chronic, Mild
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Stomach, Forestomach		Acanthosis	Mild
[Acanthosis TGLS = 3-8]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Brain		Sarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-3]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-13]			
Pancreas	Acinus	Atrophy	Minimal
Pharynx		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-14]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Skin	Subcut Tiss	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18126

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 10-12]			
Spleen		Leukemia Mononuclear	
		Sarcoma	
[Leukemia Mononuclear TGLS = 4,6-4]			
[Sarcoma TGLS = 5-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Small, Duodenum	Islets, Pancreatic	Larynx	Lymph Node, Mediastinal
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Medulla	Lymph Node, Bronchial	Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-12]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gl			
Note: CHECKED BLOCK; NO MORE PITUITARY IN BLOCK.RAR			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,8-11]			
Testes	Interstit Cell	Adenoma	
Note: ONLY ONE TESTIS FOUND AT TRIM.			
[Adenoma TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 595
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18127

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Marked
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Larynx		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Note: POLYPOID PROJECTION INTO VENTRAL POUCH.			
Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 4-13]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18128

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Mild
Note: LESIONS ASSOC W FB IN XS2,UNILATERAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-11+12]			
Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6,2-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6,2-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6,2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6,2-2]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
Note: LESIONS ASSOC W FBS IN XS2.			
Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18129

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Hyperplasia	Marked
[Cyst TGLS = 6-12]			
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lymph Node	Renal	Ectasia	Marked
[Ectasia TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-11+12]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal 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, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Blood Vessel	Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Brain		Demyelination	Marked
		Hemorrhage	Moderate
		Necrosis	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Hyperplasia	Moderate
Note: LESIONS IN VENTRAL POUCH ASSOC W FB.			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
		Hemorrhage	Marked
[Cyst TGLS = 1-8]			
[Hemorrhage TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Testes	Interstit Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18131

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 446
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Oligodendroglioma Nos	
[Oligodendroglioma Nos TGLS = 1-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Larynx		Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Pancreas	Acinus	Atrophy	Minimal
Stomach, Forestomach		Edema	Moderate
[Edema TGLS = 5-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Moderate
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 5-4,11]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: "METAPLASIA, OLFACTORY EPITH" INFERS RESP METAPL.			
Note: VERY PHOTOGENIC RESP METAPLASIA.			
Note: LESIONS ASSOC W FB IN MEDIAN SEPTUM IN XS 3.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18133

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Moderate
[Cyst TGLS = 6-8]			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 1,2-7]			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
[Cardiomyopathy TGLS = 1-4]			
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 10-13]			
[Leukemia Mononuclear TGLS = 8-4+13]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate
		Hyperplasia	Moderate
Spleen		Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18134

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 5-4+11+12]			
[Necrosis TGLS = 6,7-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Salivary Glands	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Blood Vessel	Aorta	Inflammation	Moderate
	Aorta	Mineralization	Moderate
Bone		Fibrosis	Mild
Heart		Cardiomyopathy	Mild
	Myocardium	Mineralization	Marked
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
	Alveolus	Mineralization	Moderate
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18135

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
Prostate		Inflammation	Suppurative, Marked
Seminal Vesicle		Inflammation	Suppurative, Mild
Skin		Cyst Epithelial Inclusion	
		Fibroma	
[Cyst Epithelial Inclusion TGLS = 7-11]			
[Fibroma TGLS = 6-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Stomach, Forestomach		Mineralization	Moderate
Stomach, Glandular		Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,8-7]			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Intestine Large, Cecum	Lumen	Parasite Metazoan	
Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,8-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,11-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,11-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,11-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,11-7]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 9-12]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18136

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			
Testes	Interstit Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Bone Marrow		Leukemia Mononuclear	
Epididymis		Mesothelioma Nos	
Intestine Large, Cecum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 10-4,11]			
[Leukemia Mononuclear TGLS = 4,10-4+11]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,1-7,8-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,1-7,8-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,1-7,8-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,1-7,8-2]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-12]			
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 639
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18137

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland		Cyst
[Cyst TGLS = 7-8]		
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-13]		
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 6-7]		
Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-5]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Larynx		Hyperplasia	Mild
Note: ACANTHOSIS OF MEDIAL ARYTENOID,UNILATERAL.			
Liver		Degeneration	Cystic, Minimal
Note: PALE LIVER DUE TO AUTOLYSIS. LIVER, SPLEEN, AND LUNG ARE AUTOLYZED TO THE POINT THAT I CAN'T TELL IF MCL IS PRESENT.			
Note: THE CELLULAR MORPHOLOGY IS INTACT TO THE POINT THAT A SOLID CELLULAR TUMOR WOULD BE RECOGNIZED.			
Lung		Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
Spleen			
Note: TGL 9 IS FOCUS OF SEVERE AUTOLYSIS ON SLIDE 4.			
Testes	Germinal Epith	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18138

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
Note: LIVER VERY ENLARGED BUT CANNOT DX NEOPLASIA FROM HISTO			
[Eosinophilic Focus TGLS = 5,12-12+13]			
[Hyperplasia TGLS = 5,12-12+13]			
[Leukemia Mononuclear TGLS = 11-4+12+13]			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Fibrosis	Moderate
		Infiltration Cellular	Histiocyte, Marked
		Leukemia Mononuclear	
	Alveolus	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18139

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 13-7]			
Prostate		Cyst	
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
[Cyst TGLS = 6-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-15]			
[Leukemia Mononuclear TGLS = 14-14+15]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 8-7]			
[Atrophy TGLS = 7-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Mammary Gland	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-1]			
Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 3-4]			
Kidney		Nephropathy	Chronic, Moderate
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: EARLY MCL LIVER AND SPLEEN.			
[Hepatodiaphragmatic Nodule TGLS = 8-11]			
Lung		Hemorrhage	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 4-6]			
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Marked
[Inflammation TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18140

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-7]			
Skin		Acanthosis	Marked
		Ulcer	Marked
[Acanthosis TGLS = 1-7]			
[Ulcer TGLS = 1-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Testes	Interstit Cell	Adenoma	
		Mesothelioma Nos	
[Adenoma TGLS = 9-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 331
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Minimal
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-3]			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Skin		Fibroma	
[Fibroma TGLS = 1-12]			
Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 6-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3,4-7]			
[Atrophy TGLS = 5-7]			
Tongue	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18142

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-4+12]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Hemorrhage	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Testes	Interstit Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18143

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-5]			
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Marked
		Degeneration	Cystic, Marked
		Leukemia Mononuclear	
[Angiectasis TGLS = 12-4]			
[Degeneration TGLS = 5,11,12-4+11+12]			
[Leukemia Mononuclear TGLS = 4-4+11+12]			
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Mesentery	Fat	Inflammation	Granulomatous, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18144

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 10-14]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
		Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Hyperplasia	Moderate
[Adenoma TGLS = 13-8]			
Skin		Inflammation	Granulomatous, Marked
Note: GRANULOMA ADJACENT TO PREPUTIAL GLAND.			
Spleen		Developmental Malformation	
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 8-13]			
[Leukemia Mononuclear TGLS = 7-13]			
Stomach, Forestomach		Acanthosis	Mild
		Edema	Moderate
		Inflammation	Suppurative, Mild
[Edema TGLS = 14-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 9-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Marked
		Mixed Cell Focus	
[Degeneration TGLS = 5-11]			
[Mixed Cell Focus TGLS = 5-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Preputial Gland		Inflammation	Suppurative, Moderate
Sem Ves			
Note: DILATED BUT NORMAL EPITH.			
Testes	Bilateral, Interstit Cell	Adenoma	
		Hemorrhage	Marked
[Adenoma TGLS = 2-7]			
[Hemorrhage TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18146

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia	Moderate
Skin		Basal Cell Adenoma	
		Fibrosarcoma	
[Basal Cell Adenoma TGLS = 1-11]			
[Fibrosarcoma TGLS = 2-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 7-7]			
[Atrophy TGLS = 8-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	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
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Adrenal Medulla		Hyperplasia	Mild
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
Epididymis		Mesothelioma Nos	
Kidney		Nephropathy	Chronic, Moderate
Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Mediastinal		Pigmentation	Marked
[Pigmentation TGLS = 3-2]			
Mammary Gland		Galactocele	
	Epithelium	Hyperplasia	Marked
[Galactocele TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 9-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18147

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
	Bilateral	Mesothelioma Nos	
[Atrophy TGLS = 6-7]			
[Mesothelioma Nos TGLS = 7-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Pancreas	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

MISSING

Lymph Node, Mediastinal	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Cortex	Hemorrhage	Mild
[Hemorrhage TGLS = 5-5]		
Adrenal Medulla	Hyperplasia	Moderate
	Pheochromocytoma Benign	
Bone Marrow	Leukemia Mononuclear	
Epididymis	Mesothelioma Nos	
Islets, Pancreatic	Adenoma	
Kidney	Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]		
Larynx	Foreign Body	Moderate
Liver	Basophilic Focus	
	Degeneration	Cystic, Mild
	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-4+15]		
Lung	Infiltration Cellular	Histiocyte, Moderate
	Leukemia Mononuclear	
	Metaplasia	Osseous, Mild
Note: PLEURAL MASS LOOKS LIKE EMBRYONIC MESOTHELIUM AND		
Note: VASCULAR CONN TISSUE. ACTUAL SITE IS PARIETAL PLEURA.		
Lymph Node Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18148

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Bronchial		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 9-13]		
Lymph Node, Mandibular		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 9-13]		
Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 9-13]		
Mammary Gland		Fibroadenoma
[Fibroadenoma TGLS = 1-14]		
Pituitary Gland	Pars Distalis	Adenoma
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-11]		
Testes	Bilateral, Interstit Cell	Adenoma
		Mesothelioma Nos
[Adenoma TGLS = 6,7-7]		
Thyroid Gland	C Cell	Carcinoma
[Carcinoma TGLS = 12-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-4]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Inflammation	Suppurative, Moderate
Stomach, Forestomach		Acanthosis	Moderate
		Edema	Moderate
		Hyperkeratosis	Moderate
		Inflammation	Suppurative, Moderate
[Acanthosis TGLS = 5-8]			
[Edema TGLS = 5-8]			
Testes	Interstit Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 517
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18149

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Granuloma	Multifocal, Moderate
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-7]			
Pancreas	Acinus	Atrophy	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4-7]			
[Atrophy TGLS = 3-7]			
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Moderate
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Moderate
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-2,1-7]			
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 8-2,1-7]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-8]			
Spleen		Leukemia Mononuclear	
		Sarcoma	
[Leukemia Mononuclear TGLS = 5-4+11+12+13]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18151

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mediastinal	Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-11]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx			
Note: EPITH AT BASE OF EPIGLOTTIS IS STRATIFIED BUT NOT SQUAMOUS.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Nose		Hemorrhage	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
Spleen		Fibrosis	Mild
		Hyperplasia	Reticulum Cell, Moderate
[Fibrosis TGLS = 2-4]			
[Hyperplasia TGLS = 2-4]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18152

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
[Hemorrhage TGLS = 2-3]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Larynx			
Note: VERY PHOTOGENIC NORMAL LARYNX SECTIONS.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-12,1-13,2-11,11-3]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-12,1-13,2-11,11-3]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-12,1-13,2-11,11-3]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-12,1-13,2-11,11-3]			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18154

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 8,9-7]		
Thymus		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3,4-11]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 559
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large, Cecum

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-13]			
Brain		Hemorrhage	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Hemorrhage	Marked
[Hemorrhage TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 559
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18155

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-12]			
[Leukemia Mononuclear TGLS = 3-12]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node	Lumbar	Pigmentation	Mild
[Pigmentation TGLS = 3-11]			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Fibrosis	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Intestine Large, Cecum	Lumen	Parasite Metazoan	
Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3+11]			
Lymph Node	Lumbar	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-13,1-2]			
Nose		Hemorrhage	Moderate
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18157

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-11]			
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 7-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18159

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver			
Note: BASOPHILIC PPT IN LIVER;LOOKS LIKE MINERAL ARTIFACT.			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Granuloma	Marked
[Granuloma TGLS = 1-11]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
[Hyperplasia TGLS = 7-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: PEYER'S PATCHES NORMAL MICROSCOPICALLY>

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Ectasia	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			
Urinary Bladder	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Intestine Large, Colon	Lymphoid Tiss	Leukemia Mononuclear	
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 10-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-6,2-2,9-11,3-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,6-6,2-2,9-11,3-3]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,2-2,9-11,3-3,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,2-2,9-11,3-3,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,2-2,9-11,3-3,1-7]			
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 573
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18218

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-12]		
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 4-7]		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Humerus	Osteosarcoma	
Note: PREFERABLE TO NO PRIM SITE. BEST DESIGNATOR IS LF LEG.			
Note: PRIM SITE ON LF LEG NOT CLEAR; ASSIGNED HUMERUS			
[Osteosarcoma TGLS = 1-15+16]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 5,6,7-4+11+12]			
Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 11-3]			
Lymph Node	Axillary	Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-14]			
Lymph Node, Bronchial		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-14]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18219

ORGAN AND ACCOUNTABLE SITE STATUS

		Osteosarcoma	Metastatic (Bone)
[Fibrosis TGLS = 4-13]			
[Osteosarcoma TGLS = 3-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
		Osteosarcoma	Metastatic (Bone)
[Adenoma TGLS = 8,9,10-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infarct	Marked
		Leukemia Mononuclear	
		Thrombosis	
[Infarct TGLS = 2,3-11+12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18220

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-14]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,7-13+15]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 4-4]			
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11,3-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11,3-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11,3-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11,3-2]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18221

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-12]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked
[Adenoma TGLS = 9-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

INSUFFICIENT TISSUE

Adrenal Medulla

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Hyperplasia	Moderate
Skin		Acanthosis	Minimal
		Inflammation	Granulomatous, Moderate
[Acanthosis TGLS = 1-7]			
[Inflammation TGLS = 1-7]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 497
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Suppurative, Moderate
		Ulcer	Moderate
[Acanthosis TGLS = 5-8]			
[Inflammation TGLS = 5-8]			
[Ulcer TGLS = 5-8]			
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 497
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18223

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Minimal
Note: MOST OF A/B CA IS PAPILLARY,WELL DIFF;SOME SOLID NESTS.			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-3]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6,3-2]			
Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6,3-2]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6,3-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 6-11]			
[Inflammation TGLS = 6-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18224

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Marked
Stomach, Forestomach		Inflammation	Suppurative, Marked
		Necrosis	Marked
		Ulcer	Marked
[Inflammation TGLS = 7,8-8]			
[Necrosis TGLS = 7-8]			
[Ulcer TGLS = 7-8]			
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Eye

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
Mammary Gland		Galactocele	
Note: AXIL LN ON SL 13 IS REALLY GALACTOCELE.			
[Galactocele TGLS = 1,6-12+13]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18225

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: AXIL LN ON SL 13 IS REALLY GALACTOCELE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Nose		Foreign Body	Mild
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 442
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-3+13]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
Note: NASOPHARYNGEAL DUCT IN XS3.			
Note: THIS IS DISTENSION,NOT HYPERTROPHY,OF GOBLET CELLS IN			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 442
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18227

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 9-11]			
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 7,16-5]			
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18228

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 11-13,12-15,5-2,13-3,1,2-14,14-11,15-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-13,12-15,15-12,5-2,13-3,1,2-14,14-11]			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-11]			
Stomach, Forestomach		Acanthosis	Moderate
		Ulcer	Moderate
[Acanthosis TGLS = 17-8]			
[Ulcer TGLS = 17-8]			
Stomach, Glandular		Hemorrhage	Moderate
[Hemorrhage TGLS = 18-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 10-7]			
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,2-2,9-13,1-7,10-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18229

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-12]			
Nose		Foreign Body	Mild
		Hemorrhage	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Note: UNILATERAL LESIONS.			
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 8-7]			
[Atrophy TGLS = 7-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 4-1]			
Kidney	Cortex	Necrosis	Marked
		Nephropathy	Chronic, Marked
Note: TGL 8 AND 11 PRESUMED BY ME TO BE THE SAME LESION.			
[Necrosis TGLS = 8,11-5+12]			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-11]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-11]			
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18230

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-2,7-11]			
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain			
Note: CYSTIC SPACE IN MIDBRAIN,NOT ASSOC W/ VENTRICLES;			
Note: POSSIBLE ARTIFACT BUT I BET ON CONGENITAL ANOMALY			
Larynx		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Note: LX LESION ON U-CARTILAGES AT JCT OF POUCH,BASE.			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gl			
Note: NOTE PARS INTERMEDIA,COMPARE W/EARLIER ADENOMA			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-11]			
Stomach, Forestomach		Acanthosis	Mild
Testes	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 2-11]			
Spleen		Developmental Malformation	
		Fibrosis	Marked
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 6-13]			
[Fibrosis TGLS = 9-12]			
[Leukemia Mononuclear TGLS = 7-4+12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18232

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland [Adenoma TGLS = 1-2]	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Brain	Meninges	Meningioma Benign	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 8-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Preputial Gland		Adenoma	
		Ectasia	Moderate
[Adenoma TGLS = 1-7]			
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 7-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
Thymus		Thymoma Nos	
[Thymoma Nos TGLS = 2-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18233

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-5]			
Bone Marrow		Leukemia Mononuclear	
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-4]			
Lung	Alveolus	Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
	Alveolus	Pigmentation	Mild
Note: YELLOW-BROWN PIGMENT IN PAM AND INTERSTITIUM.			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18234

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Chronic, Moderate
Larynx		Foreign Body	Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Lung	Alveolus	Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18235

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 7-7]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-11+12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5,6-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Mild
Note: INFLAM IN AND AROUND VENTRAL POUCH. NO VISIBLE FB.			
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-4]			
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18236

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15,1-14,2-17,8-13,10-16,11-18,3-11,4-3]			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 5-12]			
[Necrosis TGLS = 6-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
Note: INFLAM IS UNILATERAL IN XS1 AND 2.			
Pituitary Gland		Cyst	
[Cyst TGLS = 1-8]			
Seminal Vesicle		Inflammation	Suppurative, Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic
Larynx	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
Kidney	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 9-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18238

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Galactocele	
	Epithelium	Hyperplasia	Moderate
[Galactocele TGLS = 1-15]			
[Hyperplasia TGLS = 1-15]			
Mesentery	Fat	Inflammation	Granulomatous, Marked
[Inflammation TGLS = 4-14]			
Pancreas	Acinus	Atrophy	Mild
[Atrophy TGLS = 8-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-12]			
[Leukemia Mononuclear TGLS = 6,7-11+12]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Larynx	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Marked
Bone Marrow		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-5]			
Liver		Angiectasis	Marked
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-4+12]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,2-2]			
Nose		Hemorrhage	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18239

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERTROPHY IS UNILATERAL IN XS2.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-11]			
[Leukemia Mononuclear TGLS = 4-11]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 6-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 8-4]			
[Leukemia Mononuclear TGLS = 9-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
Spleen		Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18240

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-11+12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Medulla

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Nose			
Note: BOTH MOLARS MISSING IN XSIII.			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 5-11]			
[Inflammation TGLS = 4-11]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18241

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
Lung	Alveolus	Fibrosis	Mild
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland	Epithelium	Hyperplasia	Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 5,6-11]			
[Leukemia Mononuclear TGLS = 5,6-11]			
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18242

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Mesentery
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Minimal
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 7-13]			
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
Lung		Hemorrhage	Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
		Inflammation	Suppurative, Moderate
Note: LESIONS ARE UNILATERAL IN XS2.			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Preputial Gland		Carcinoma	
		Ectasia	Moderate
[Carcinoma TGLS = 1-11]			
[Ectasia TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18243

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2,8-7]			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Marked
Heart		Cardiomyopathy	Mild
Intestine Large, Colon	Lumen	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Marked
		Inflammation	Suppurative, Mild
Note: LESIONS UNILATERAL, ASSOC W/FB IN XS1.			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Ectasia	Moderate
Skin		Fibroma	Multiple
[Fibroma TGLS = 7,8-12+13+14]			
Spleen		Fibrosis	Marked
[Fibrosis TGLS = 9,10,11-4+11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4,5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18244

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 6-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Islets, Pancreatic	Hyperplasia	Marked
Kidney	Nephropathy	Chronic, Mild
Liver	Basophilic Focus	
	Leukemia Mononuclear	
Lung	Hemorrhage	Minimal
	Leukemia Mononuclear	
Lymph Node, Bronchial	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]		
Lymph Node, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]		
Lymph Node, Mesenteric	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]		
Pituitary Gland	Cyst	
Preputial Gland	Hyperplasia	Moderate
Prostate	Inflammation	Suppurative, Minimal
Skin	Acanthosis	Moderate
	Hemangiopericytoma	
	Ulcer	Marked
[Hemangiopericytoma TGLS = 1-13+14+15+16]		
[Ulcer TGLS = 6-12]		
Spleen	Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18246

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear
[Fibrosis TGLS = 4-11]		
[Leukemia Mononuclear TGLS = 5-4+11]		
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2,7,8-1]			
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-5]			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Medulla

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Pigmentation	Mild
[Pigmentation TGLS = 2-12]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Skin		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Bone Marrow		Leukemia Mononuclear	
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18249

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 9-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7,8-7]			
Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 12-2+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
Note: EARLY MCL.			
Stomach, Forestomach		Acanthosis	Mild
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 601
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Mild
Intestine Large, Colon	Lymphoid Tiss	Leukemia Mononuclear	
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,2-11,7-13,1-14]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,2-11,7-13,1-14]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,2-11,7-13,1-14]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,2-11,7-13,1-14]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,2-11,7-13,1-14]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 601
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18251

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach, Glandular		Inflammation	Suppurative, Moderate
		Necrosis	Moderate
[Inflammation TGLS = 10-15]			
[Necrosis TGLS = 10-15]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

Animal Note: SL 13(TGL7)IS PANCREATIC LN, NOT MES LN.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 480
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large, Rectum
Intestine Small, Duodenum	Islets, Pancreatic	Larynx	Mammary Gland
Mesentery	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Ileum	Intestine Small, Jejunum

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13]			
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
[Cyst TGLS = 9-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,10-11+12]			
Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 480
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18252

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus [Leukemia Mononuclear TGLS = 2-2]	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 618
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Adrenal Medulla	Hyperplasia	Moderate
Bone Marrow	Leukemia Mononuclear	
Brain	Hemorrhage	Marked
[Hemorrhage TGLS = 6,7-1]		
Epididymis	Inflammation	Suppurative, Mild
Islets, Pancreatic	Carcinoma	
[Carcinoma TGLS = 10-11]		
Kidney	Nephropathy	Chronic, Mild
Larynx	Foreign Body	Moderate
	Inflammation	Suppurative, Mild
Note: LESIONS IN VENTRAL POUCH.		
Liver	Leukemia Mononuclear	
	Vacuolization Cytoplasmic	Mild
Lung	Leukemia Mononuclear	
Lymph Node, Bronchial	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,8-2,12-6]		
Lymph Node, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,8-2,12-6]		
Lymph Node, Mesenteric	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3,8-2,12-6]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 618
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18253

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 11-11]			
[Leukemia Mononuclear TGLS = 1-11]			
Stomach, Forestomach		Acanthosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2,3-7]			
[Atrophy TGLS = 4-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Larynx			
Note: NERVE XS IN LARNGEAL LUMEN IS FLOATER.			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 8-12]			
[Leukemia Mononuclear TGLS = 7-12]			
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3+11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,1-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18254

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,1-2]			
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
Preputial Gland		Ectasia	Moderate
Prostate		Inflammation	Suppurative, Moderate
Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 3-13]			
[Necrosis TGLS = 9-13]			
Stomach, Forestomach		Acanthosis	Moderate
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4,5-7]			
[Atrophy TGLS = 5-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Larynx	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hemorrhage	Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 20-1]			
Intestine Small, Ileum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 19-6]			
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 19-6]			
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
[Leukemia Mononuclear TGLS = 13-5]			
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 15-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18255

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 21-5,3-15,6-3,16-18,4-16+19,17-22,9-13,18-21,14-14]			
Mesentery	Fat	Inflammation	Granulomatous, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 10-20]			
[Leukemia Mononuclear TGLS = 23-23]			
Nose	Respirat Epith	Hyperplasia	Minimal
Note: FOCAL HYPERPL XS1 LAT TO VOMERONASAL ORGAN			
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11,12-11]			
Stomach, Forestomach		Leukemia Mononuclear	
Stomach, Glandular		Leukemia Mononuclear	
		Ulcer	Moderate
[Ulcer TGLS = 22-8]			
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 539
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18255

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 8-7]			
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7,8-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5,9-6,1-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5,9-6,1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5,9-6,1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5,9-6,1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5,9-6,1-2]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Developmental Malformation	
		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18256

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MASS ON SPLEEN IS ACCESSORY SPLEEN.			
[Developmental Malformation TGLS = 6-11]			
[Leukemia Mononuclear TGLS = 5-11]			
Stomach, Forestomach		Acanthosis	Minimal
		Edema	Moderate
		Inflammation	Suppurative, Mild
[Acanthosis TGLS = 11-8]			
[Edema TGLS = 11-8]			
[Inflammation TGLS = 11-8]			
Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node, Bronchial	Lymph Node, Mandibular

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
Kidney		Nephropathy	Chronic, Moderate
Liver		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Marked
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
Note: LESIONS UNILATERAL IN XS2, ASSOC W/ FB.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 5-11]			
Stomach, Forestomach		Acanthosis	Marked
		Inflammation	Suppurative, Marked
		Ulcer	Marked
[Inflammation TGLS = 6-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18257

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 2-8]			
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small, Duodenum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Mammary Gland	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum
Intestine Small, Jejunum			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Marked
Heart	Myocardium	Mineralization	Marked
	Myocardium	Necrosis	Moderate
	Atrium	Thrombosis	
[Thrombosis TGLS = 10-4]			
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Mineralization	Marked
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Degeneration	Cystic, Marked
	Hepatocyte	Necrosis	Moderate
		Vacuolization Cytoplasmic	Marked

Note: PATHOGENESIS OF LIVER LESIONS: SEVERE CIN>>
Note: >>SEVERE HEPATIC CONGESTION>>DEGEN, NECROSIS.
Note: >>VASCULITIS>>ATRIAL THROMBOSIS>>SYSTEMIC CONGESTION>>
[Degeneration TGLS = 8-4]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18258

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 8-4]			
[Vacuolization Cytoplasmic TGLS = 8-4]			
Lung		Hemorrhage	Minimal
	Alveolus	Mineralization	Marked
[Hemorrhage TGLS = 2-3]			
Lymph Node	Lumbar	Pigmentation	Mild
[Pigmentation TGLS = 9-13]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-2]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Note: LESIONS ARE UNILATERAL IN XS2.			
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Preputial Gland		Ectasia	Moderate
Spleen		Fibrosis	Marked
Note: SPLENIC LESIONS PROBLY SEQUELAE TO THROMBI.			
[Fibrosis TGLS = 5,6-11+12]			
Stomach, Forestomach		Mineralization	Moderate
Stomach, Glandular		Mineralization	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Marked
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
Note: LESIONS IN VENTRAL POUCH.			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-4]			
[Leukemia Mononuclear TGLS = 9-4]			
Lung	Alveolus	Fibrosis	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18259

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 5-13]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Minimal
Note: LESIONS ARE UNILATERAL IN XS1 AND 2.			
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 7,8-11+12]			
[Leukemia Mononuclear TGLS = 6-11+12]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3,4-7]			
[Atrophy TGLS = 3-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Mesothelioma Nos	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 8-3]			
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 2,3-4+11+13]			
Prostate		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral	Mesothelioma Nos	
[Adenoma TGLS = 4-7]			
[Mesothelioma Nos TGLS = 1-7+12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Artery	Inflammation	Chronic Active, Moderate
Lymph Node	Lumbar	Pigmentation	Mild
[Pigmentation TGLS = 2-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
[Ectasia TGLS = 5-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Pancreas	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 8-11]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 7-3]			
Mammary Gland		Galactocele	
		Hemorrhage	Marked
[Galactocele TGLS = 1-12+13]			
[Hemorrhage TGLS = 1-12,13]			
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Seminal Vesicle		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18262

ORGAN AND ACCOUNTABLE SITE STATUS

Testes [Adenoma TGLS = 4,5-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 9-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
Lymph Node, Mediastinal		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18263

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 12-14,11-15,2-7,5-2]			
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 4-17]			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Note: LESIONS ARE UNILATERAL IN XS2.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Moderate
[Carcinoma TGLS = 8-7]			
Skin		Acanthosis	Marked
		Hyperkeratosis	Marked
		Inflammation	Suppurative, Minimal
		Trichoepithelioma	
[Hyperkeratosis TGLS = 1-11]			
[Inflammation TGLS = 14-13]			
[Trichoepithelioma TGLS = 3-16]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-12]			
Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 15-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 10,13-7]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 395
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial	Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Hemorrhage	Mild
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 6-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 2-3]			
Pituitary Gland	Pars Distalis	Adenoma	
		Hemorrhage	Marked
[Hemorrhage TGLS = 7-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 4-7]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 5-7]			
Thymus		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 395
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18264

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 3-2]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial	Thymus

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 8-12]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 9-3]			
Mesentery	Fat	Inflammation	Granulomatous, Mild
[Inflammation TGLS = 5-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
Preputial Gland		Ectasia	Moderate
Prostate		Inflammation	Suppurative, Moderate
Spleen		Fibrosis	Marked
[Fibrosis TGLS = 6-4]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18265

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3,4-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Larynx	Mammary Gland	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
Islets, Pancreatic		Adenoma	Multiple
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7,1-11,1-11,5-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7,1-11,1-11,5-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7,1-11,1-11,5-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7,1-11,1-11,5-12]			
Nose		Foreign Body	Mild
		Inflammation	Chronic, Mild
Note: LESION UNILATERAL ASSOC W/ FB.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			
Prostate		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18266

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Stomach, Forestomach		Acanthosis	Marked
		Inflammation	Suppurative, Marked
		Ulcer	Moderate
[Acanthosis TGLS = 7,8-8]			
[Ulcer TGLS = 7,8-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-7]			
[Inflammation TGLS = 1-7]			
Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 5-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
Thyroid Gland	Bilateral, C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18267

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Intestine Large, Cecum	Lumen	Parasite Metazoan	
Intestine Large, Colon	Lumen	Parasite Metazoan	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Lung	Alveolus	Fibrosis	Mild
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6]			
Lymph Node, Mediastinal		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,7-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18268

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-7,7-6]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 3-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-11]			
[Leukemia Mononuclear TGLS = 6-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial	Lymph Node, Mandibular

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 4-11]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Skin		Inflammation	Granulomatous, Moderate
Note: LESION ON SL 11 NOT CLEARLY RELATED TO PREPUTIAL GLAND. [Inflammation TGLS = 1-11]			
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Marked
Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Epididymis		Mesothelioma Nos	
Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Marked
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Note: LARGE MASS ON SL 4 IS DX AS ADENOMA; OTHERS DX HYPERPL.			
[Hepatocellular Adenoma TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-17]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18272

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			
[Cyst TGLS = 2-8]			
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 9,13-15+16]			
[Leukemia Mononuclear TGLS = 8-14]			
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Nos	
[Adenoma TGLS = 7-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-5]			
Larynx		Hyperplasia	Minimal
Note: HYPERPL IS IN VENTRAL POUCH; BASE OF EPIGLOT IS NORMAL.			
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-11]			
[Leukemia Mononuclear TGLS = 2-11]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18329

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1,3-7]	
Thymus	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial	Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Moderate
		Mineralization	Mild
Liver		Clear Cell Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node	Lumbar	Pigmentation	Mild
[Pigmentation TGLS = 3-11]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 1-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-5]			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: FOCUS OF PAMS W GOLD PIGMENT ADJAC TO TB BFURC,SUBPLEUR			
[Hemorrhage TGLS = 6-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
Note: UNILAT HYPERPLAS,INFLAM ADJACENT TO VENTRAL MEATUS.			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18331

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Heart			
Note: HEART NSL; ENLARGEMENT GROSSLY PROBLY 2NDARY TO MCL.			
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,9-11,10-12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,9-11,10-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,9-11,10-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,9-11,10-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,9-11,10-12]			
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 7-13]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18332

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
Note: UNILATERAL FOCI IN VENT MEATUS ASSOC WITH FB.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-11]			
Testes	Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

Animal Note: XS BRUNNERS GLANDS CONSIDERED TO BE TANGENTIAL CUT.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Minimal
Note: LESIONS ARE IN VENTRAL POUCH			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Brain		Hemorrhage	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 7-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 10-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 9-11]			
[Leukemia Mononuclear TGLS = 8-4]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18335

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 6-7]			
[Atrophy TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Thrombosis	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Mesentery		Hemorrhage	Marked
	Fat	Necrosis	Marked
[Hemorrhage TGLS = 10-13]			
[Necrosis TGLS = 9-12]			
Pancreas	Acinus	Atrophy	Marked
		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18336

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-11]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Stomach, Forestomach		Acanthosis	Moderate
		Ulcer	Moderate
[Acanthosis TGLS = 13-8]			
[Ulcer TGLS = 12-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7,8-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lacrimal Gland	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 7-12]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Marked
[Hemorrhage TGLS = 4-3]			
[Hyperplasia TGLS = 5-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Brain		Hemorrhage	Minimal
Note: FOCAL HEMORRHAGE IN CEREBRUM, NOT CEREBELLUM; NO TGL.			
Kidney		Nephropathy	Chronic, Moderate
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3-4]			
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3,11-2,8-13]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3,11-2,8-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3,11-2,8-13]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3,11-2,8-13]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3,11-2,8-13]			
Pancreas	Acinus	Atrophy	Mild
Skin		Ulcer	Moderate
[Ulcer TGLS = 9-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18338

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 5,6,7,12-7]			
[Atrophy TGLS = 7-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-13]			
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 6,9-11+17]			
[Hepatocellular Carcinoma TGLS = 8-11]			
[Leukemia Mononuclear TGLS = 7-4]			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18339

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-7]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14+15+16]			
Nose	Nasolacrim Dct	Inflammation	Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Note: INVADES PARATHYROID.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Epididymis		Mesothelioma Nos	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung	Pleura	Fibrosis	Mild
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
[Hemorrhage TGLS = 9-3]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 7-13]			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 3-7]			
[Inflammation TGLS = 4-7+11]			
Stomach, Glandular		Mesothelioma Nos	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral	Mesothelioma Nos	
[Adenoma TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18340

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Nos TGLS = 6-7+12]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-5]			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Marked
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Preputial Gland		Ectasia	Moderate
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18341

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 7-12]			
[Leukemia Mononuclear TGLS = 2-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Small, Duodenum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial	Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum
Intestine Small, Jejunum			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Brain		Glioma Nos	
		Hemorrhage	Moderate
[Glioma Nos TGLS = 4-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Pancreas	Acinus	Atrophy	Minimal
Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 6-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 615	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Small, Jejunum		Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4-7]			
[Atrophy TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
Trachea	Peritrach Tiss	Fibrosis	Mild
	Peritrach Tiss	Inflammation	Chronic Active, Mild

Note: FOCAL INFLAM,FIBROSIS ADJACENT TO BIFURCATION.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hemorrhage TGLS = 9-3]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-14]			
Nose	Nasopharyn Dct	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 5,6-12+13]			
[Leukemia Mononuclear TGLS = 4-4+11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18345

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mesenteric	Mammary Gland	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Thymus	Trachea	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 8-5]			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
[Hepatodiaphragmatic Nodule TGLS = 7-11]			
[Leukemia Mononuclear TGLS = 6-4+11]			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-2,1-7,9-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-2,1-7,9-13]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-2,1-7,9-13]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18346

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-8]			
Prostate		Inflammation	Suppurative, Marked
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 10-12]			
[Leukemia Mononuclear TGLS = 5-12]			
Stomach, Glandular		Mineralization	Mild
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Brain			
Note: 051330300355			
Kidney		Nephropathy	Chronic, Minimal
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial	Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 621	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Brain		Astrocytoma Nos	
[Astrocytoma Nos TGLS = 4-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 2-12]			
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 5-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: AC CELLS IN ADJ VESSEL CONSIDERED SQUEEZE ARTIFACT

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Larynx		Foreign Body	Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
Nose		Hemorrhage	Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 6-7]			
Stomach, Forestomach		Acanthosis	Mild
		Ulcer	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 622	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18350

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Eye		Cataract	Mild
[Cataract TGLS = 2-13]			
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18351

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3,5-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3,5-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3,5-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3,5-6]			
Pancreas	Acinus	Atrophy	Marked
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-11]			
[Leukemia Mononuclear TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18352

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate
		Hyperplasia	Moderate
[Ectasia TGLS = 1,2-12+13]			
[Hyperplasia TGLS = 1,2-12+13]			
Prostate		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 625	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18353

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-11]		
Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Stomach, Forestomach	Stomach, Glandular

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 6-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Pancreas		Adenoma	
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
[Cyst TGLS = 1-8]			
Preputial Gland		Ectasia	Moderate
Spleen		Fibrosarcoma	
		Leukemia Mononuclear	
[Fibrosarcoma TGLS = 2-12]			
[Leukemia Mononuclear TGLS = 7-4+12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 626	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18354

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
Note: GOBLET CELL LESION UNILATERAL IN XS2.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-11]			
[Hepatocellular Adenoma TGLS = 3-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-3]			
Lymph Node, Mandibular		Hemorrhage	Marked
[Hemorrhage TGLS = 1-7]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Note: INFLAM IN LUMEN OF NASPOPHARYNGEAL DUCT, ASSOC W FB.			
Pancreas	Artery	Inflammation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18356

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 4-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Rectum	Intestine Small, Duodenum
Islets, Pancreatic	Liver	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Ileum	Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-11]			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Dilatation	Moderate
	Pelvis, Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Chronic, Marked
[Dilatation TGLS = 9-5+11]			
[Nephropathy TGLS = 3-5+11]			
Larynx		Hyperplasia	Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Renal	Hemorrhage	Mild
[Hemorrhage TGLS = 6-12]			
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Marked
Note: FB, SUPP INFLAM UNILATERAL IN XS3			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18357

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 8-5]			
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 10-11]			
Lung		Carcinoma	Metastatic (Thyroid Gland)
		Hemorrhage	Minimal
[Hemorrhage TGLS = 9-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18358

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4,6-7]			
[Atrophy TGLS = 5-7]			
Thyroid Gland	Bilateral, C Cell	Carcinoma	
[Carcinoma TGLS = 2,3-2+12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
Lung		Hemorrhage	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Mixed Cell Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 5-3]			
Pancreas	Acinus	Atrophy	Mild
		Hemorrhage	Mild
	Artery	Inflammation	Mild
[Hemorrhage TGLS = 4-11]			
[Inflammation TGLS = 4-11]			
Prostate		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Moderate
Note: FB IN VENTRAL POUCH, WITH INFLAM.			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,4-12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,4-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,4-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,4-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,4-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18361

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 485
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Hemorrhage	Minimal
		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-12]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Moderate
[Carcinoma TGLS = 6-11]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-12]			
Preputial Gland		Ectasia	Moderate
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-4]			
[Leukemia Mononuclear TGLS = 5-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18363

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 8-4]			
Lung	Alveolus	Inflammation	Chronic, Minimal
Lymph Node, Mandibular		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1,2-11+12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 5,6-7]			
[Atrophy TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic
Larynx	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Small, Ileum

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 2-11+12]			
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lymph Node	Iliac	Pigmentation	Mild
[Pigmentation TGLS = 4-13]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18365

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LESIONS ASSOC WITH FB`S.			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: MUCINOUS ADENOCA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Moderate
Skin	Sebaceous Gl	Carcinoma	
		Fibroma	
[Carcinoma TGLS = 6-12]			
[Fibroma TGLS = 1-13]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 11,12-11+12]			
[Leukemia Mononuclear TGLS = 9-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,3-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,3-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,3-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7,3-2]			
Mesentery	Fat	Inflammation	Granulomatous, Marked
[Inflammation TGLS = 8-14]			
Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18367

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Note: LESIONS UNILATERAL ADJ TO VENTRAL MEATUS.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 5-7]			
[Atrophy TGLS = 4-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-11]			
Lung	Alveolar Epith	Hyperplasia	Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-7]			
Spleen		Fibrosis	Marked
[Fibrosis TGLS = 2-12+13]			
Stomach, Forestomach		Inflammation	Suppurative, Moderate
		Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,11-6,7-11,1-7]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,11-6,7-11,1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,11-6,7-11,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,11-6,7-11,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,11-6,7-11,1-7]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 10-12]			
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18369

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 6,13-11]			
[Leukemia Mononuclear TGLS = 5-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8,9-7]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Leukemia Mononuclear	
[Hepatocellular Carcinoma TGLS = 7,13-11+12]			
[Leukemia Mononuclear TGLS = 12-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-3]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-15]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-15]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-15]			
Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18370

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-2,10-15]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,10-15]			
Nose		Hemorrhage	Moderate
Pharynx		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-10]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Ectasia	Moderate
		Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Mild
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-16]			
Spleen		Developmental Malformation	
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 6-14]			
[Leukemia Mononuclear TGLS = 3-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8,9-7+13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 8-5]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-3]			
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 5-15]			
Mesentery		Hemorrhage	Marked
	Fat	Necrosis	Moderate
[Hemorrhage TGLS = 12-12]			
[Necrosis TGLS = 9-14]			
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18371

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-13]			
[Leukemia Mononuclear TGLS = 14-13]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2,3,13-7]			
[Atrophy TGLS = 4-7]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Mammary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Degeneration	Cystic, Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 2,9-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6,1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6,1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6,1-2]			
Nose		Hemorrhage	Moderate
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-4+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18372

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mediastinal
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 10-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 2-7]			
Seminal Vesicle		Hyperplasia	Mild
[Hyperplasia TGLS = 6-8]			
Skin		Fibroma	
[Fibroma TGLS = 1-12]			
Spleen		Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18373

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 8,9-11+13]			
[Leukemia Mononuclear TGLS = 7-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3,5-7]			
[Atrophy TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
Lymph Node, Mediastinal		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate	Epithelium	Hyperplasia	Minimal
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
Spleen		Developmental Malformation	
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 5-12]			
[Leukemia Mononuclear TGLS = 6-4]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx		Hyperplasia	Minimal
Note: LESION IN VENTRAL POUCH.			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Preputial Gland		Ectasia	Moderate
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18375

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland [Carcinoma TGLS = 2-11+12]	Carcinoma
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-5]			
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Larynx		Foreign Body	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
Note: UNILATERAL LESIONS IN VENTRAL MEATUS OF XS1 ASSOC W FB.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18376

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia	Moderate
[Ectasia TGLS = 1-7]			
Skin		Basal Cell Adenoma	
		Fibroma	
[Basal Cell Adenoma TGLS = 9-13]			
[Fibroma TGLS = 8-12]			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-11]			
[Leukemia Mononuclear TGLS = 10-11]			
Stomach, Forestomach		Diverticulum	Marked
[Diverticulum TGLS = 11-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 7-7]			
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 3-12]			
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 2-3+11]			
[Infiltration Cellular TGLS = 2-3+11]			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Lymph Node	Renal	Pigmentation	Mild
[Pigmentation TGLS = 2-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Eye		Cataract	Mild
[Cataract TGLS = 1-12]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Hemorrhage	Moderate
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-5]			
Larynx		Foreign Body	Moderate
		Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6,11-2,1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6,11-2,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6,11-2,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6,11-2,1-7]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18380

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-11]			
Stomach, Forestomach		Acanthosis	Moderate
[Acanthosis TGLS = 13-8]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 9,10-7]			
[Atrophy TGLS = 8-7]			
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Islets, Pancreatic
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum	
OBSERVATIONS			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Moderate
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Preputial Gland		Inflammation	Suppurative, Moderate
Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large, Rectum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
[Clear Cell Focus TGLS = 3-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Prostate	Epithelium	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7,7-12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7,7-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7,7-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7,7-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7,7-12]			
Nose		Hemorrhage	Moderate
Pituitary Gland		Cyst	
[Cyst TGLS = 6-8]			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18384

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-11]			
Stomach, Forestomach		Acanthosis	Moderate
[Acanthosis TGLS = 8-8]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 706
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Small, Duodenum

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain		Astrocytoma Nos	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 427
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6,7-16,9-2,8-17,6-14]			
[Leukemia Mononuclear TGLS = 5-6,7-16,9-2,8-17,6-14]			
[Leukemia Mononuclear TGLS = 5-6,7-16,9-2,8-17,6-14]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-6,7-16,9-2,8-17]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-6,7-16,9-2,8-17]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,5-6,7-16,9-2,8-17]			
Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 427
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18050

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-14,5-6,7-16,9-2,8-17]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-15]			
Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 1,2-11+12+13]			
[Necrosis TGLS = 2-12+13]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
[Cyst TGLS = 1-8]			
Thyroid Gland		Dilatation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
[Hyperplasia TGLS = 3-4+12]			
Lung	Alveolus	Fibrosis	Minimal
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
	Alveolus	Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 8-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2,9-6+12]			
Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18052

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 10-2,9-6+12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2,9-6+12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2,9-6+12]			
Pharynx		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-10]			
Pituitary Gland	Pars Distalis	Cyst	Marked
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Hemorrhage	Mild
[Hemorrhage TGLS = 6-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Clitoral Gland		Ectasia	Moderate
		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Inflammation	Chronic, Minimal
[Hemorrhage TGLS = 3-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Mesenteric	Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-14]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-11]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-12+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Larynx	Foreign Body	Mild
	Inflammation	Suppurative, Mild
Liver	Basophilic Focus	
Lung	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11+12]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Larynx		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Note: LESION IN VP.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Bronchial		Hemorrhage	Marked
[Hemorrhage TGLS = 3-2]			
Lymph Node, Mediastinal		Hemorrhage	Marked
[Hemorrhage TGLS = 3-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Uterus		Thrombosis	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18056

ORGAN AND ACCOUNTABLE SITE STATUS

[Thrombosis TGLS = 7-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	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	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Mammary Gland	Nose	Parathyroid Gland
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Brain		Hemorrhage	Mild
		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
[Hemorrhage TGLS = 7-3]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-13]			
Ovary		Cyst	
[Cyst TGLS = 4-7]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-12]			
Salivary Glands	Duct	Mineralization	Moderate
Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18057

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Marked
Clitoral Gland		Adenoma	
		Ectasia	Moderate
[Adenoma TGLS = 5-7]			
[Ectasia TGLS = 5-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
Note: LESIONS IN VP AND BASE OF EPIGLOTTIS.			
Note: PHOTOGENIC LX LESION.			
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18058

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Chronic, Marked
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: EARLY MCL IN LIVER AND SPLEEN; RAR 4/26/91.			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Minimal
[Hemorrhage TGLS = 6-5]			
Clitoral Gland		Ectasia	Moderate
		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
		Hyperplasia	Mild
		Metaplasia	Squamous, Moderate
Note: LESIONS IN VENTRAL POUCH.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 7-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 525
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Intestine Large, Colon	Lumen	Parasite Metazoan	
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Marked
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13+14]			
Spleen		Hyperplasia	Reticulum Cell, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Larynx		Foreign Body	Mild
		Metaplasia	Squamous, Mild
Note: LESIONS IN VP.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18061

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Hemorrhage	Minimal
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 1-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain			
Note: NORMAL PINEAL ATOP CEREBRAL XS.			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Carcinoma	
Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 377
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach, Forestomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 12-7]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-14,13-7,7-11,11-6]			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 377
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18065

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8,9-12+13]		
Pituitary Gland	Cyst	
	Leukemia Mononuclear	
[Cyst TGLS = 3-8]		
[Leukemia Mononuclear TGLS = 3-8]		
Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]		
Stomach, Glandular	Necrosis	Marked
[Necrosis TGLS = 14-15]		
Thymus	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 1-3]			
Pituitary Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 105
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Bronchial	Lymph Node, Mediastinal
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Lung		Hemorrhage	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-7]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Necrosis	Mild
[Necrosis TGLS = 1-1]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 3-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-12]			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: EARLY MCL LIVER AND SPLEEN.			
Lung	Alveolus	Inflammation	Chronic, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-7]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
[Cyst TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Marked
		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-11]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,10-4+14]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7,6-12,5-13]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7,6-12,5-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7,6-12,5-13]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7,6-12,5-13]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7,6-12,5-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 9-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18071

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-11]	
Thymus	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 7-2]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 2-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-11+13]			
Nose		Foreign Body	Mild
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-12]			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Eye		Cataract	Moderate
[Cataract TGLS = 1-12]			
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11]			
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 2-7]			
[Inflammation TGLS = 2-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Larynx		Metaplasia	Squamous, Mild
Note: LESION IS IN VENTRAL POUCH.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolus	Inflammation	Suppurative, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,4,5-12+13+14]			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Skin		Basal Cell Carcinoma	
		Trichoepithelioma	
[Basal Cell Carcinoma TGLS = 7-15]			
[Trichoepithelioma TGLS = 3-16]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-2]			
Mammary Gland		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-13]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Liver	Basophilic Focus	
Lung	Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]		
Ovary	Cyst	
[Cyst TGLS = 1-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Mandibular

INSUFFICIENT TISSUE

Bone

OBSERVATIONS

Clitoral Gl			
Note: FOCUS ADJACENT TO CLITORAL GLAND IS NORMAL MAMM. GL.			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Hyperplasia TGLS = 2-4]			
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Infiltration Cellular	Histiocyte, Mild
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 3-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-11]			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18078

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 310
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Bronchial		Inflammation	Suppurative, Moderate
Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 3-12]			
Spleen		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 2-3]			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: CONTROL	**DISP:** Accidentally Killed	**HISTO:** 18081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Clitoral Gland	Esophagus	Heart	Islets, Pancreatic
Lung	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Nose

OBSERVATIONS

Bone	Vertebra	Fracture	
[Fracture TGLS = 4-11]			
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 5-1]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Spinal Cord		Hemorrhage	Marked
[Hemorrhage TGLS = 6-11]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 8-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Carcinoma	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Larynx		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Clear Cell Focus TGLS = 5-4]			
[Hepatodiaphragmatic Nodule TGLS = 4-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 3-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-7]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-8]			
Skin		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Heart			
Note: THIS IS A FLOATING CLUMP OF MEDIASTINAL TISSUE			
Note: CONSISTING OF MAST CELLS, OTHER MONONUCLEAR CELLS.			
Note: 4 STEP SECTIONS, NO CHANGE; CONCLUSION IS THAT			
Note: ORDERED RECUTS ON HEART TO ID MASS 3/28/91.			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 1-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-7+11]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18084

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 360
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Intestine Small, Ileum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6]			
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-6]			
Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,9-5]			
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Hepatodiaphragmatic Nodule TGLS = 8-14]			
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-15,14-2,3-6]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-15,14-2,3-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-15,14-2,3-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-15,14-2,3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 360
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18085

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-15,14-2,3-6]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,16-16]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-8]			
Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-13]			
[Leukemia Mononuclear TGLS = 6-12]			
Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
		Inflammation	Suppurative, Mild
		Ulcer	Marked
[Ulcer TGLS = 17-8]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Eye		Hemorrhage	Moderate
[Hemorrhage TGLS = 1,2-11]			
Kidney	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Ovary		Cyst	
[Cyst TGLS = 3-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Stomach, Glandular

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-13]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]			
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18087

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 6-14,7-12,8-2]		
Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 3-8]		
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-11]		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 702
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney		Nephropathy	Chronic, Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Nose	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-11]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Necrosis	Mild
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: CONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 18090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Clear Cell Focus TGLS = 1-12]			
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone	Cranium	Carcinoma	Metastatic (Zymbal'S Gland)
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Marked
Lymph Node, Bronchial		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-11,1-11]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-11,1-11]			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 5-8]			
[Hyperplasia TGLS = 4-8]			
Zymbal's Gland		Carcinoma	
Note: TUMOR INVADES SKULL AND CRANIAL NERVE.			
[Carcinoma TGLS = 3-13+14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Minimal
Heart		Leukemia Mononuclear	
		Thrombosis	
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Portal	Fibrosis	Marked
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Infarct	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
Note: TGL 2 IS HDN CONTAINING MCL,BILIARY HYPERPL,THROMBI.			
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-11]			
Lymph Node	Lumbar	Leukemia Mononuclear	
	Lumbar	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 1-2,6-6,8-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18093

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6,8-15]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6,8-15]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6,8-15]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2,6-6,8-15]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Leukemia Mononuclear TGLS = 5,11-13+16]			
[Necrosis TGLS = 5-16]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
		Inflammation	Suppurative, Mild
		Ulcer	Marked
[Ulcer TGLS = 10-8]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
[Cyst TGLS = 1-8]			
Skin		Fibroma	
[Fibroma TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 2-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
Clitoral Gland		Ectasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Alveolus	Fibrosis	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3,4-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Carcinoma	Metastatic (Zymbal'S Gland)
Heart	Endocardium	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 1-7,3-2]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 1-7,3-2]			
Stomach, Forestomach		Hyperplasia	Squamous, Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 470
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Moderate
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 4-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Larynx		Hyperplasia	Minimal
Note: LESION IN VP.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 2-12]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
Uterus	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Note: PHOTOGENIC LESIONS IN VP.			
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Inflammation	Chronic, Mild
[Hemorrhage TGLS = 2-3]			
Lymph Node, Bronchial		Hemorrhage	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			
[Cyst TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18100

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: CONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 18102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
[Hemorrhage TGLS = 2-3]			
Lymph Node, Bronchial		Hemorrhage	Moderate
Lymph Node, Mediastinal		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Uterus	
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Brain		Hydrocephalus	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,7-6,1-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,7-6,1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,7-6,1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,7-6,1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12,7-6,1-2]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: CONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 18104

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
		Hyperplasia	Moderate
[Ectasia TGLS = 4-7]			
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 2-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mesentery		Hemorrhage	Marked
	Fat	Necrosis	Mild
[Hemorrhage TGLS = 5-12]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Mesentery		Lipoma	
[Lipoma TGLS = 4-13]			
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 3-4]			
[Vacuolization Cytoplasmic TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 517
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Renal	Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 2-12]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mammary Gl			
Note: SL11 IS NORMAL FUNCTIONING MAMMARY GLAND.NSL.			
Ovary		Granulosa-Theca Tumor Malignant	
[Granulosa-Theca Tumor Malignant TGLS = 1-13]			
Spleen		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 4-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 3-14]			

PRIMARY CAUSE OF DEATH -

Animal Note: MANY SMALL CLUMPS OF CELLS, SOME MITOTIC FIGS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-1]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Carcinoma	Metastatic (Mammary Gland)
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 4-15]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 8-16]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Note: UNILATERAL LESIONS IN ALL 3 XS.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-11]			
Skin		Inflammation	Suppurative, Moderate
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18165

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1,2,3-12+13+14]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 5-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver	Basophilic Focus	
	Granuloma	Multifocal, Moderate
Lung	Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 3-4]			
Lung		Fibrous Histiocytoma	Metastatic (Skin)
		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
Mesentery	Artery	Inflammation	Moderate
	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 5-13,5-13]			
[Inflammation TGLS = 5-13,5-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Skin		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-11]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18167

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney	Renal Tubule	Mineralization	Mild
Larynx		Foreign Body	Mild
		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Note: LESIONS IN VP.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
		Galactocele	
[Fibroadenoma TGLS = 1-11]			
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Adenoma	
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18168

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 7-5]			
Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 6-4]			
Lung	Alveolus	Fibrosis	Moderate
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Prefemoral	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18169

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-16+17,9-15,1-12,8-14,14,15-2,12-6,17-7,2-13,]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
Note: UNILATERAL IN XS2.			
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Cyst	
[Cyst TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,16-11]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Note: CYST ON THYROID IS LEUKEMIC MEDIASTINAL LN.			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 8 IS PANCREATIC, NOT RENAL LN.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Adrenal Medulla	Lymph Node, Bronchial		
OBSERVATIONS			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Skin		Fibroma	
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
[Fibroma TGLS = 1-11+12]			
[Ulcer TGLS = 2-11+12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node, Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow	Leukemia Mononuclear	
Liver	Basophilic Focus	
	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]		
Lung	Hemorrhage	Minimal
	Leukemia Mononuclear	
Lymph Node, Bronchial	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,3-2]		
Lymph Node, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,3-2]		
Lymph Node, Mesenteric	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,3-2]		
Pituitary Gland	Cyst	
Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]		
Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Larynx
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 4-1]			
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1,2-3+11]			
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-7]			
Lymph Node, Mediastinal		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-2]			
[Leukemia Mononuclear TGLS = 7-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-7]			
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 328
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18174

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Hemorrhage	Mild
[Hemorrhage TGLS = 5-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 3-7]			
[Inflammation TGLS = 3-7]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-2]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Marked
Pituitary Gland		Cyst	
[Cyst TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Mammary Gland	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney	Pelvis, Transit Epithe	Hyperplasia	Moderate
	Renal Tubule	Inflammation	Suppurative, Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
[Inflammation TGLS = 5-5]			
[Nephropathy TGLS = 5-5]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Pancreas	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Infarct	Marked
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Infarct TGLS = 3-12]			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 7-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-14]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-13]			
Ovary		Cyst	
[Cyst TGLS = 4-7]			
Pituitary Gland		Cyst	
[Cyst TGLS = 6-8]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Marked
[Pigmentation TGLS = 5-5]			
Liver	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Hyperplasia TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,8-12,1-2,6-6]			
[Leukemia Mononuclear TGLS = 7-13,8-12,1-2,6-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,8-12,1-2,6-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,8-12,1-2,6-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18179

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,8-12,1-2,6-6]			
Pituitary Gland	Pars Distalis	Cyst	Marked
[Cyst TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 706
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mesenteric
Ovary	Parathyroid Gland	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Blood Vessel		Fibrous Histiocytoma	Metastatic (Skin)
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Fibrous Histiocytoma	Metastatic (Skin)
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Fibrous Histiocytoma TGLS = 2-4]			
Lung		Fibrous Histiocytoma	Metastatic (Skin)
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 1-3]			
Lymph Node, Bronchial		Fibrous Histiocytoma	Metastatic (Skin)
Lymph Node, Mandibular		Fibrous Histiocytoma	Metastatic (Skin)
Lymph Node, Mediastinal		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-12]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 706
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18180

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 5-8]			
Salivary Glands		Fibrous Histiocytoma	Metastatic (Skin)
Skeletal Muscle		Fibrous Histiocytoma	Metastatic (Skin)
Note: SEE SL 2 AND 2A; TUMOR IN NECK MUSCLE.			
Skin		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 3-11]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Adrenal Medulla		Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
[Degeneration TGLS = 2-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Ovary		Cyst	
[Cyst TGLS = 4-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Inflammation	Suppurative, Moderate
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Intestine Large, Rectum		Ulcer	Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 7-4]			
Lung		Hemorrhage	Minimal
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 5,6,8-11+13+14]			
Nose		Foreign Body	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-12]			
Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Inflammation	Suppurative, Mild
		Ulcer	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pituitary Gland		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain			
Note: CHATTER ARTIFACT IN BRAIN SECTIONS.			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Lymph Node, Mesenteric

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lym Node Mesen			
Note: TGL 7 IS PANCREATIC LN, NOT MESENTERIC.			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,1-7,4-11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,1-7,4-11]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,1-7,4-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13,1-7,4-11]			
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18186

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-14]			
Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus
MISSING			
Clitoral Gland	Lymph Node, Bronchial		
OBSERVATIONS			
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	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	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Brain		Hemorrhage	Minimal
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-7]			
[Inflammation TGLS = 1-7]			
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Larynx		Metaplasia	Squamous, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin		Acanthosis	Moderate
[Acanthosis TGLS = 2-11]			
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hemorrhage	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Atrophy	Marked
		Basophilic Focus	
		Leukemia Mononuclear	
[Atrophy TGLS = 5-11]			
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Mediastinal

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Esophagus			
Note: LIVER TISSUE IN MEDIASTINUM; HDN.			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-13]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Lymph Node, Mesenteric		Hemorrhage	Moderate
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,4-11+14]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 5-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18190

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Larynx		Metaplasia	Squamous, Mild
Note: IN VP.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
Lymph Node, Mediastinal		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Ovary		Inflammation	Granulomatous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain		Glioma Nos	
[Glioma Nos TGLS = 1-1]			
Clitoral Gland		Carcinoma	
		Ectasia	Moderate
[Carcinoma TGLS = 4-7+11,3,4-11]			
[Ectasia TGLS = 3,4-11]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Moderate
[Granuloma TGLS = 2-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Squamous, Minimal
		Inflammation	Suppurative, Mild
[Edema TGLS = 5-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18193

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 4-4]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Carcinoma	Metastatic (Thyroid Gland)
Pituitary Gland	Pars Intermed	Adenoma	
		Cyst	
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic	Kidney
Larynx	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Heart		Thrombosis	
Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 7-4]			
[Vacuolization Cytoplasmic TGLS = 7-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
[Fibroadenoma TGLS = 1,4-11+13]			
[Galactocele TGLS = 4-11]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18195

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Clear Cell Focus TGLS = 2-12]			
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Pancreas
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Mandibular	Parathyroid Gland	Salivary Glands

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 9-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Metaplasia	Squamous, Minimal
Note: VP ONLY.			
Liver	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Hyperplasia TGLS = 4-13]			
[Leukemia Mononuclear TGLS = 4-13]			
Lung	Pleura	Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-14]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-14]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,7-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18197

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Leukemia Mononuclear	
Note: TGL 14 IS PANCREATIC LN, NOT MESENTERIC LN.			
[Leukemia Mononuclear TGLS = 2-2,7-14]			
Mammary Gland		Carcinoma	
Note: CONSISTENT WITH SLIDE; NORMAL MAMM GL ADJCENT TO CA.			
Note: GROSS DESCRIPTION OF LOCATION OF TGL 8 IS NOT			
[Carcinoma TGLS = 8-15]			
Ovary		Cyst	
[Cyst TGLS = 5-7]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Saliv Glands			
Note: RECHECKED BLOCK AND WET TISSUE. NO SAL GL.			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: RECHECKED BLOCK AND WET TISSUE; NO MAND LN.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	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	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-5]			
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 5-1]			
Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
[Hyperplasia TGLS = 3-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 621
	DOSE: 100 PPM	**DISP:** Natural Death	**HISTO:** 18199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Rectum	Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			
AUTO PRECLUDES DIAG.			
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum			
OBSERVATIONS			
Brain		Hydrocephalus	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Larynx		Foreign Body	Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
	Pars Distalis	Hemorrhage	Marked
[Cyst TGLS = 2,3-8]			
[Hemorrhage TGLS = 2,3-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 2-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
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		Granuloma	Multifocal, Moderate
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-12]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 7-3]			
Lymph Node	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 6-6,5-11,3-2]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 6-6,5-11,3-2]			
Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-6,5-11,3-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
	Alveolus	Inflammation	Chronic, Minimal
[Hemorrhage TGLS = 3-3]			
Lymph Node, Bronchial		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pituitary Gland		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
Uterus	Cervix, Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-11]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: SL12(TGL5) CONTAINS NO LN, JUST VESSELS,CONN TISSUE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Lymph Node, Mandibular	Lymph Node, Mediastinal	Salivary Glands

OBSERVATIONS

Adrenal Cortex		Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
Kidney		Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Marked
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung	Pleura	Fibrosis	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery		Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
Note: METASTATIC TUMOR IN MESENTERY ADJACENT TO RT OVARY SL7.			
[Granulosa-Theca Tumor Malignant TGLS = 7-7+13]			
Ovary		Granulosa-Theca Tumor Malignant	
[Granulosa-Theca Tumor Malignant TGLS = 4-11]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18205

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2,3-8]			
Spleen		Hyperplasia	Reticulum Cell, Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Marked
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-7]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
[Ulcer TGLS = 2,5-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Minimal
Liver	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2,2-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2,2-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2,2-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2,2-7]			
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-14]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18207

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Moderate
[Inflammation TGLS = 4,7-12+13]			
[Necrosis TGLS = 4,7-12+13]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
[Leukemia Mononuclear TGLS = 5-11]			
[Necrosis TGLS = 6-11]			
Stomach, Forestomach		Edema	Mild
		Hyperplasia	Squamous, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Lymph Node, Bronchial	Lymph Node, Mediastinal		
OBSERVATIONS			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-11+12]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Cyst TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-2]			
Nose		Hemorrhage	Moderate
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Marked
[Hyperplasia TGLS = 7-5]			
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Serosa	Hemorrhage	Marked
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Hemorrhage TGLS = 6-14]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 4-12]			
[Fibroadenoma TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18211

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12+13]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 100 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	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

Eye		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-11]			
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 5-3]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	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, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Intestine Large, Cecum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Mild
Larynx		Metaplasia	Squamous, Mild
Note: VP ONLY.			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Note: UNILATERAL IN XS 2,ASSOC W/ FB.			
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 100 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18214

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 4-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 478
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			
Pancreas	Acinus	Atrophy	Mild
Spleen		Hyperplasia	Reticulum Cell, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 100 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic
Larynx	Lung	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Brain		Hemorrhage	Moderate
		Hydrocephalus	Mild
Intestine Small, Ileum		Inflammation	Granulomatous, Moderate
Intestine Small, Jejunum		Inflammation	Granulomatous, Moderate
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Serosa	Cyst	
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 5-13]			
[Cyst TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-14]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-11]			
Stomach, Forestomach		Inflammation	Suppurative, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 3-7+11]			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Note: UNILATERAL IN XS2.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-12]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18273

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mediastinal

OBSERVATIONS

Eye		Cataract	Moderate
[Cataract TGLS = 1-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung	Alveolus	Fibrosis	Minimal
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
[Hemorrhage TGLS = 3-3]			
Pancreas	Acinus	Atrophy	Minimal
Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 2-12]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: EPITH IN DIVERTICULUM IS SQUAMOUS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mediastinal

OBSERVATIONS

Adrenal Medulla		Angiectasis	Marked
[Angiectasis TGLS = 5-5]			
Brain		Hemorrhage	Mild
		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3,6-1]			
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
Note: LESIONS IN CAUDAL LX AND VP.			
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18275

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 7-4+11]			
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-3]			
[Infiltration Cellular TGLS = 1-3]			
[Leukemia Mononuclear TGLS = 1-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18276

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-12]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 469
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Mediastinal

OBSERVATIONS

Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-4]			
[Vacuolization Cytoplasmic TGLS = 3-4]			
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-12]			
Spleen		Leukemia Mononuclear	
Note: EARLY MCL.			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18279

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Suppurative, Mild
		Ulcer	Moderate
[Hyperplasia TGLS = 5-8+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18280

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 5-8+12]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2,5-7]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Hyperplasia TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
Pituitary Gland		Cyst	
[Cyst TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Moderate
Esophagus	Mediastinum	Cyst	
[Cyst TGLS = 2-11]			
Larynx		Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
Note: HYPERPLASIA ASSOC WITH INFLAM,MINERALIZATION IN VP.			
Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-13]			
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 1-14]			
Spleen			
Note: NORMAL SPLEEN ON SL 12.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Mesentery	Fat	Inflammation	Granulomatous, Mild
	Fat	Necrosis	Mild
[Inflammation TGLS = 3-12]			
[Necrosis TGLS = 3-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-11]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18284

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 566
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Minimal
Larynx		Hyperplasia	Mild
		Metaplasia	Squamous, Mild
Note: LESION IN VENTRAL POUCH.			
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12+13+14]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 18286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Heart	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Small, Ileum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Brain		Glioma Nos	
		Hemorrhage	Mild
Note: AUTOLYSIS MAKES DX DIFFICULT.			
[Glioma Nos TGLS = 3-1]			
Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Lymph Node, Mediastinal		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Ovary	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1-2,6-4]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1-2,6-4]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1-2,6-4]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1-2,6-4]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6,1-2,6-4]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11]			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18287

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-12]			
[Leukemia Mononuclear TGLS = 5-12]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Intestine Large, Cecum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2,3-8]			
[Cyst TGLS = 2,3-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-11]			
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
Ovary		Cyst	
[Cyst TGLS = 8-7]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18290

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-15]			
[Leukemia Mononuclear TGLS = 5-15]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 6,7-12+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 4-13]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12]			
Pancreas	Artery	Inflammation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 4-7]			
Kidney	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11+12]			
Ovary		Cyst	
[Cyst TGLS = 1-13]			
Pancreas	Acinus	Atrophy	Minimal
Stomach, Forestomach		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 5-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: NCL IN GL STOM;XS THRU JCT DX AS NSL;ORDERED STEP XS 4/12/90
Animal Note: 3 STEP SEC'S:POLYPOID MASS AT JCT,DX FOCAL ACANTHOSIS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Marked
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 4-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery	Artery	Inflammation	Marked
[Inflammation TGLS = 2-6+11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 3-8]			
Stomach, Forestomach		Diverticulum	Moderate
[Diverticulum TGLS = 5-8]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Mesentery	Fat	Inflammation	Granulomatous, Marked
[Inflammation TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node	Axillary	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-11]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Mild
Spleen		Hyperplasia	Reticulum Cell, Marked
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Ear	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial	Parathyroid Gland

INSUFFICIENT TISSUE

Stomach, Forestomach

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 3-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver	Hepatocyte	Degeneration	Cystic, Mild
[Degeneration TGLS = 2-11]			
Lung		Hemorrhage	Minimal
Mammary Gland	Epithelium	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Stom Forestom			
Note: RECUT ON STOMACH, STILL NOT ENOUGH FORESTOMACH.			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
	Serosa	Hemorrhage	Mild
[Hemorrhage TGLS = 1-11]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 2-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-11]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Hepatocyte	Necrosis	Minimal
Lung		Hemorrhage	Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Larynx	Lymph Node, Mandibular
Nose	Ovary	Salivary Glands	Skin
Stomach, Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Hemorrhage	Marked
		Vacuolization Cytoplasmic	Mild
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Mineralization	Minimal
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver	Hepatocyte	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6+14,2-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6+14,2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6+14,2-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 7-13]			
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18300

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-11]			
[Leukemia Mononuclear TGLS = 3-11]			
Stomach, Forestomach		Ulcer	Mild
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TBLN ON SL 2 WITH MED LN, THYMUS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 534
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 2-4]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
Intestine Large, Cecum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
		Metaplasia	Squamous, Mild
Note: SQ METAPL IN ALL 3 XS; LARGE FB IN VP.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Larynx		Foreign Body	Mild
		Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
		Metaplasia	Squamous, Mild
Note: INFLAM,METAPL,HYPERPL ASSOC WITH FB IN VENTRAL POUCH.			
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild
Skin		Acanthosis	Minimal
		Ulcer	Mild
[Ulcer TGLS = 1-11]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node, Bronchial	Lymph Node, Mandibular

OBSERVATIONS

Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Pancreas	Acinus	Atrophy	Minimal
Uterus	Endometrium	Hyperplasia	Moderate
Note: 3 STEP SECTIONS OF UTERINE MASS:DX HYERPLASIA .			
[Hyperplasia TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Bronchial

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 3-7]			
Kidney	Renal Tubule	Mineralization	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Moderate
		Vacuolization Cytoplasmic	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mediastinal
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Larynx		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
Note: LESION IN CAUDAL AND VP SECTIONS.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: UNILATERAL IN XS1.			
Pituitary Gland		Cyst	
Note: ORDERED STEP SECTIONS 4/13/91.			
Note: PITUIT COMPRESSED BUT NO MASS OR CYST WALL IN RECUTS.			
[Cyst TGLS = 2,3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	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	Lacrimal Gland	Liver	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Brain		Hemorrhage	Minimal
Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 5-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-5]			
Larynx		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
Note: LESIONS IN CAUDAL AND VP SECTIONS.			
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 292
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Adrenal Medulla

OBSERVATIONS

Bone		Schwannoma Malignant	Metastatic (Brain)
Brain	Cranial Nerve	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-1+11]			
Kidney	Renal Tubule	Mineralization	Minimal
Larynx		Metaplasia	Squamous, Minimal
Note: LX LESION IN ANT VENTRAL POUCH			
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-12]			
Lung		Hemorrhage	Minimal
		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-7]			
Pituitary Gland		Schwannoma Malignant	Metastatic (Brain)
Stomach, Forestomach		Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-11]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 7-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-13+14+15]			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 4-8]			
[Cyst TGLS = 4-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18311

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 4-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 2-3]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Moderate
Note: UNILATERAL IN XS1 AND 2.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Skin		Inflammation	Granulomatous, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18312

ORGAN AND ACCOUNTABLE SITE STATUS

Note: "SULFUR GRANULES" IN ABSCESS ON NOSE>
[Inflammation TGLS = 1-11]

Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Liver		Granuloma	Multifocal, Moderate
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 7-3]			
Lymph Node	Pancreatic	Pigmentation	Moderate
[Pigmentation TGLS = 3-12]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-2]			
Lymph Node, Mediastinal		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-2]			
Pancreas	Acinus	Atrophy	Mild
Thymus		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-2]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
[Cyst TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3]			
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Glandular	Trachea

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10+23]			
Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-7+14]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 6-4]			
[Vacuolization Cytoplasmic TGLS = 6-4]			
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18316

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-17,11-18,12-19,5-13,13-20,16-11]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,7-14+15+16]			
Mesentery		Lipoma	
[Lipoma TGLS = 15-21]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Stomach, Forestomach		Edema	Marked
		Hyperplasia	Squamous, Marked
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-11]			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Leukemia Mononuclear	
Uterus	Cervix, Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 14-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Hemorrhage	Mild
Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
		Hemorrhage	Moderate
[Atrophy TGLS = 2-11]			
[Cataract TGLS = 2-11]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Uterus	Bilateral	Polyp Stromal	
[Polyp Stromal TGLS = 1,4-12+13]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18317

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 566
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Lymph Node	Iliac	Pigmentation	Mild
[Pigmentation TGLS = 2-14]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+12+13]			
Pancreas	Acinus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-4]			
[Vacuolization Cytoplasmic TGLS = 6-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 7-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13,4-4,5-6]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13,4-4,5-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13,4-4,5-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13,4-4,5-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13,4-4,5-6]			
Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18319

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Leukemia Mononuclear	
[Cyst TGLS = 8-8]			
[Leukemia Mononuclear TGLS = 8-8]			
Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 2-11]			
[Necrosis TGLS = 3-12]			
Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Squamous, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
Clitoral Gland		Ectasia	Moderate
		Hyperplasia	Moderate
[Ectasia TGLS = 6-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-12]			
Nose		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18320

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Squamous, Marked
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain		Hemorrhage	Minimal
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 7-7]			
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18321

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach, Glandular	Thymus
Trachea	Uterus		

INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,5-4]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,5-4]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,5-4]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,5-4]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,5-4]			
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18322

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Squamous, Mild
		Inflammation	Suppurative, Moderate
		Necrosis	Minimal
		Ulcer	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Urin Bladder			
Note: 3 STEP SECTIONS, STILL NOT ENOUGH EPITH.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 5-1]			
Kidney		Lipoma	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Moderate
[Lipoma TGLS = 11-5]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 10-3]			
Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
Note: HOWEVER I AM DX AS CA ONLY THOSE W AREAS OF ATYPIA THAT			
Note: THERE ARE SOME AREAS OF ATYPIA IN FA'S ON SL 7 AND 11,			
Note: COMPRESS OR INVADE, PER P.301 OF NEW F344 RAT BOOK.			
[Carcinoma TGLS = 6-14]			
[Fibroadenoma TGLS = 1,2,3-7+11+12+13]			
Mesentery		Hemorrhage	Marked
	Fat	Inflammation	Granulomatous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18323

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Moderate
[Hemorrhage TGLS = 7-15]			
[Inflammation TGLS = 7-15]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
Lung		Hemorrhage	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Skin	Pinna	Melanoma Nos	
Note: P.234 OF F344 RAT BOOK.			
Note: MATCHES DESCRIPTION OF NEURAL CREST TUMOR OF PINNA ON			
[Melanoma Nos TGLS = 1-11]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 200 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node, Bronchial	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Eye		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-11]			
Larynx		Foreign Body	Mild
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-7]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Hemorrhage	Moderate
[Hemorrhage TGLS = 4-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Brain
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-12]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Galactocele	
[Fibroadenoma TGLS = 1-11]			
[Galactocele TGLS = 4-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18326

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
[Adenoma TGLS = 3-8]			
[Cyst TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Mesentery		Hemorrhage	Marked
	Fat	Inflammation	Granulomatous, Mild
[Hemorrhage TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18327

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach, Forestomach	Edema	Moderate
	Hyperplasia	Squamous, Mild
Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 556	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
		Inflammation	Suppurative, Mild
Note: UNILATERAL IN XS2.			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Bronchial

AUTO PRECLUDES DIAG.

Intestine Large, Cecum — Intestine Large, Colon

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain		Hydrocephalus	Mild
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 6-12]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3,7-4+13]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mediastinal		Pigmentation	Mild
Lymph Node, Mesenteric		Hemorrhage	Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-11]			
Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18386

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 558
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Bronchial

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow	Leukemia Mononuclear	
Clitoral Gland	Ectasia	Moderate
	Hyperplasia	Moderate
[Ectasia TGLS = 1-12]		
[Hyperplasia TGLS = 1-12]		
Kidney	Nephropathy	Chronic, Mild
Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]		
Lung	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]		
Lymph Node, Mandibular	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]		
Lymph Node, Mediastinal	Hemorrhage	Moderate
	Leukemia Mononuclear	
[Hemorrhage TGLS = 2-2]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 558
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18387

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Skin		Inflammation	Granulomatous, Moderate
	Subcut Tiss	Necrosis	Mild
[Inflammation TGLS = 7-13]			
[Necrosis TGLS = 7-13]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Bronchial		Hemorrhage	Moderate
Lymph Node, Mediastinal		Hemorrhage	Moderate
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Mesentery	Fat	Inflammation	Granulomatous, Marked
	Fat	Necrosis	Marked
[Inflammation TGLS = 3-13]			
[Necrosis TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 3-12]			
[Necrosis TGLS = 3-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Clitoral Gland		Adenoma	
		Inflammation	Suppurative, Moderate
[Adenoma TGLS = 5-7]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Adenoma TGLS = 6-3]			
[Infiltration Cellular TGLS = 6-3]			
Mammary Gland		Fibroadenoma	Multiple
Note: REFER TO TABLE 2, P. 301 OF F344 RAT BOOK.			
Note: FOCAL ATYPIA IN SL 11 BUT DOES NOT COMPRESS			
[Fibroadenoma TGLS = 2,3-11+12]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 4-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18390

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Cyst	
[Cyst TGLS = 7-7]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Note: TGL 5 IS FAT ON CAPSULE.			
Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Hepatodiaphragmatic Nodule TGLS = 7-11]			
[Hyperplasia TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 4,7-4+11]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13,6-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13,6-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13,6-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13,6-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-13,6-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18391

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Mild
[Inflammation TGLS = 1-14]			
[Necrosis TGLS = 1-14]			
Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
[Leukemia Mononuclear TGLS = 3-12]			
[Necrosis TGLS = 2-12]			
Stomach, Forestomach		Hyperplasia	Squamous, Marked
		Inflammation	Suppurative, Marked
		Ulcer	Marked
[Hyperplasia TGLS = 10-8]			
[Inflammation TGLS = 8-8]			
[Ulcer TGLS = 8-8]			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
[Cyst TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18392

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node, Bronchial
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Int Lg Rectum			
Note: SQ EPITH IN RECTUM INTERPRETED AS REPRESENTING			
Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thymus		Thymoma Nos	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: A SECTION THRU ANORECTAL JUNCTION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 13-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 8-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18394

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,10-16,1-7,9-15,12-12,5-3,4-14,2-13]			
Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11]			
Stomach, Forestomach		Hyperplasia	Squamous, Marked
		Inflammation	Suppurative, Moderate
		Ulcer	Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2,1-7]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 6,7-11+12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18395

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Leukemia Mononuclear TGLS = 5-13]	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Brain
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 7-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Larynx		Metaplasia	Squamous, Mild
Note: SQ METAPL IN ALL 3 SECTIONS.			
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
Lymph Node, Mediastinal		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18396

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-13]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
Pituitary Gland		Cyst	
[Cyst TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Inflammation	Suppurative, Moderate
		Ulcer	Marked
[Inflammation TGLS = 4-8]			
[Ulcer TGLS = 4-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	Marked
[Cyst TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Intestine Large, Colon	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Uterus		Carcinoma	
[Carcinoma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Bone	Cranium, Periosteum	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-11]			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-7]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Ovary
Salivary Glands	Skin	Stomach, Forestomach	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Mineralization	Mild
Blood Vessel	Aorta	Mineralization	Moderate
Bone		Fibrosis	Moderate
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3-1]			
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 10-7]			
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Note: EARLY MCL.			
[Hepatodiaphragmatic Nodule TGLS = 6-11]			
Lung		Hemorrhage	Minimal
	Alveolus	Inflammation	Chronic, Minimal
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Nose		Foreign Body	Mild
		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18400

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Marked
[Inflammation TGLS = 9-12]			
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-13]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Stomach, Glandular		Mineralization	Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Uterus		

INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Clitoral Gland		Adenoma	
[Adenoma TGLS = 6-13]			
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Note: LESION IS IN VENTRAL POUCH.			
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 7-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 717	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18401

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 718	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Eye		Cataract	Moderate
		Hemorrhage	Moderate
[Cataract TGLS = 1-11]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 719	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Moderate
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-11]			
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-2]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-14+15]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 8-13]			
Pituitary Gland		Cyst	
[Cyst TGLS = 5-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 7-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 5-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Bronchial		Hemorrhage	Mild
[Hemorrhage TGLS = 1-2]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 1-2]			
Ovary		Cyst	
[Cyst TGLS = 3-7]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-7]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11]			
Ovary		Cyst	
[Cyst TGLS = 5-7]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-3]			
Nose		Foreign Body	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
Note: INFLAM UNILATERAL, ASSOC WITH FB.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Heart	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Ovary	Salivary Glands	Skin
Thymus	Uterus		

MISSING

Lymph Node, Bronchial

AUTO PRECLUDES DIAG.

Adrenal Cortex	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla	Neoplasm Nos	
[Neoplasm Nos TGLS = 3-5]		
Mammary Gland	Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12+13]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Marked
[Cyst TGLS = 6,7-8]			
[Hyperplasia TGLS = 5,6,7-8]			
Spleen		Developmental Malformation	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18409

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Developmental Malformation TGLS = 3-11]			
[Leukemia Mononuclear TGLS = 2-11]			
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Clitoral Gland		Adenoma	
		Ectasia	Moderate
[Ectasia TGLS = 9-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 7-15]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 3,4-13+14]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
Skin		Fibroma	Multiple
[Fibroma TGLS = 1,2-11+12]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18410

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mediastinal	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 2-4]			
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12,1-7,6-6]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12,1-7,6-6]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12,1-7,6-6]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-13]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Moderate

Note: IS JUST SUSTENTACULAR CELLS REMAINING AFTER LOSS OF
Note: UNILATERAL LESIONS IN XS3; PHOTOGENIC. TENDS TO

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18411

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NEGATE THEORY THAT RESP METAPLASIA OF OLFACT EPITH			
Note: NEURAL EPITH. THIS IS RESP EPITH W/ GOBLET CELLS.			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Larynx		Hyperplasia	Minimal
Note: SMALL FOCUS OF HYPERPLASIA ON ROOF OF VENTRAL POUCH			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 3,8-1]			
Kidney	Cortex	Necrosis	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lymph Node, Mediastinal		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-12]			
Mesentery	Fat	Inflammation	Granulomatous, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 5-13]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 2-7]			
[Inflammation TGLS = 2-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Uterus		Hemangioma	
Note: HEMANGIOMA IS IN MUSCULARIS.			
[Hemangioma TGLS = 3-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Larynx		Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
		Metaplasia	Squamous, Mild
Note: LESION IN ALL 3 XS, MOST SEVERE CAUDALLY.			
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Bronchial

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
Note: SMALL FIBROADENOMA ADJACENT TO CLITORAL GL ON SL 7.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Hyperplasia TGLS = 5,6,7-4+13]			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,1-3,9-12]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,1-3,9-12]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,1-3,9-12]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,1-3,9-12]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2,1-3,9-12]			
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18417

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 10-14]			
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-11]			
Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 11-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 5-7]			
[Inflammation TGLS = 5-7]			
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 4-13]			
[Fibroadenoma TGLS = 2-12]			
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 707
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18418

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LESIONS UNILATERAL,ASSOC W/ FB IN XS2 AND 3.			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-11]			
Spleen		Leukemia Mononuclear	
Note: EARLY MCL IN LIVER, SPLEEN,LUNG.			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 735	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[Ectasia TGLS = 3-7]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Mild
Note: UNILATERAL IN XS 2.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 736	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
Liver		Angiectasis	Marked
[Angiectasis TGLS = 1,2-11]			
Lung		Hemorrhage	Minimal
Pituitary Gland		Cyst	
[Cyst TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 427
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13,5-6,8-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 427
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18421

ORGAN AND ACCOUNTABLE SITE STATUS

	Leukemia Mononuclear
[Cyst TGLS = 7-8]	
[Leukemia Mononuclear TGLS = 7-8]	
Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-12]	
Thymus	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 394
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Marked
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11+12+13]			
Ovary		Cyst	
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: 99

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 739	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
Kidney	Renal Tubule	Mineralization	Mild
	Cortex	Necrosis	Mild
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 6-3]			
Lymph Node, Mesenteric		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-12]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

MISSING

Adrenal Cortex	Adrenal Medulla

AUTO PRECLUDES DIAG.

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node, Bronchial	Lymph Node, Mandibular
Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone	Bone Marrow
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 9-5]			
Brain		Hemorrhage	Mild
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
[Cardiomyopathy TGLS = 7-4]			
[Leukemia Mononuclear TGLS = 7-4]			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 8-5]			
Larynx		Hyperplasia	Minimal
		Metaplasia	Squamous, Minimal
Note: LESION IN CAUDAL LX VENTRALLY.			
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 10-4]			
[Vacuolization Cytoplasmic TGLS = 10-4]			
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18425

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Ulcer	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Marked
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hyperplasia TGLS = 5-4]			
[Leukemia Mononuclear TGLS = 6-4]			
[Mixed Cell Focus TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2,8-4]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2,8-4]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2,8-4]			
Lymph Node, Mediastinal		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18426

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-2,8-4]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2,8-4]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-4]			
[Leukemia Mononuclear TGLS = 7-4]			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Larynx		Foreign Body	Mild
Liver		Basophilic Focus	
		Granuloma	Multifocal, Moderate
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Thrombosis	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 1-4]			
[Vacuolization Cytoplasmic TGLS = 1-4]			
Lung		Leukemia Mononuclear	
Nose	Goblet Cell, Respirat Epith	Hypertrophy	Moderate
Note: UNILATERAL IN XS2.			
Ovary		Cyst	
[Cyst TGLS = 3-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 4-8]			
[Cyst TGLS = 4-8]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18428

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-11]			
Stomach, Forestomach		Hyperplasia	Squamous, Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Urinary Bladder	Uterus

MISSING

Trachea

INSUFFICIENT TISSUE

Intestine Large, Rectum

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 1-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18429

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Stomach, Forestomach		Hyperplasia	Squamous, Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Brain	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Ectasia	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
Larynx		Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Note: LESIONS IN VP.			
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Bronchial		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mediastinal		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Pituitary Gl			
Note: 3 STEP SECTIONS, NO LESION FOUND.			
Spleen		Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 18430

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 5-11]			
[Leukemia Mononuclear TGLS = 4-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 457
	DOSE: 400 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 18431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-13]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Larynx	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Hyperplasia TGLS = 5-4]			
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-3]			
Lymph Node, Bronchial		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mediastinal		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Nose		Inflammation	Chronic, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
Note: LESIONS ARE UNILATERAL IN XS1.			
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18432

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-11]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 599
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 18433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Brain		Hemorrhage	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1,2-7+11]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
		Granuloma	Multifocal, Moderate
[Degeneration TGLS = 4-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Skin		Ulcer	Marked
[Ulcer TGLS = 2-7]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Intestine Large, Rectum	Lumen	Parasite Metazoan	
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-3]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
[Cyst TGLS = 4-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-4+11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Lymph Node, Mediastinal		Hemorrhage	Mild
[Hemorrhage TGLS = 2-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Larynx	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node, Mediastinal

OBSERVATIONS

Brain		Hydrocephalus	Mild
Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 5-7]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-11]			
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-2]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node, Bronchial
Lymph Node, Mandibular	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Brain		Hydrocephalus	Mild
Heart	Endocardium	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multifocal, Mild
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
[Vacuolization Cytoplasmic TGLS = 3-4]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-11]			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach, Forestomach		Hyperplasia	Squamous, Marked
		Ulcer	Marked
[Ulcer TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18438

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1,2-11+12]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 4-3]			
Pituitary Gland		Cyst	
[Cyst TGLS = 3-8]			
Skin		Ulcer	Marked
[Ulcer TGLS = 2-12]			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Larynx
Lymph Node, Bronchial	Lymph Node, Mediastinal	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Clitoral Gland		Ectasia	Moderate
[Ectasia TGLS = 6-7]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 5-11]			
Lung	Pleura	Fibrosis	Minimal
		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Mesentery		Hemorrhage	Marked
	Fat	Inflammation	Granulomatous, Moderate
[Hemorrhage TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 18440

ORGAN AND ACCOUNTABLE SITE STATUS

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE