

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C55301B
Lock Date: 12/15/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 10/15/1997

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-4]			
* Liver		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 5-6]			
Lymph Node	Iliac	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 6-16]			
* Mammary Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 1-10+10A]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Prostate		Inflammation	Acute, Marked
[Inflammation TGLS = 3-14]			
* Seminal Vesicle		Inflammation	Chronic, Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Erosion	Marked
		Ulcer	Mild
[Erosion TGLS = 8-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

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Species/Strain: Rat/F 344/N

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Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 695 HISTO: 914666
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 2-7]	Interstit Cell	Adenoma Atrophy	Moderate
* Thyroid Gland * Urinary Bladder	C Cell	Hyperplasia Inflammation	Minimal Chronic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 692 HISTO: 914667
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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	* Lung	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
		[Hydronephrosis TGLS = 8-4]	
		[Nephropathy TGLS = 6-4]	
* Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Marked
		[Dilatation TGLS = 1-10A]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 5-16]	
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 7-8]	
* Prostate		Inflammation	Chronic Active, Moderate
		[Inflammation TGLS = 4-14]	
* Stomach, Glandular		Ulcer	Mild
		[Ulcer TGLS = 9-15A]	
* Testes	Interstitial Cell	Adenoma	
		[Adenoma TGLS = 2-7+7A]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 692 HISTO: 914667
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ORGAN AND ACCOUNTABLE SITE STATUS		
* Urinary Bladder [Inflammation TGLS = 3-9]	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 914668
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Skin

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 7-4]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6A]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,10-9A+17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-10A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 914668
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-8]			
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-3+3A]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Necrosis	Marked
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-3]			
* Thyroid Gland		Leukemia Mononuclear	
* Trachea		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 640 HISTO: 914669
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Cecum		Inflammation	Acute, Marked
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 6-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 7,8-6+6A]		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-9]			
* Mammary Gland		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 9-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914669

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 718 HISTO: 914670
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
[Cardiomyopathy TGLS = 14-13]			
* Intestine Large, Colon		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 16-6A]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-2+2A]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-16]			
[Leukemia Mononuclear TGLS = 15-9A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 718
	DOSE: 0 PPM	DISP: Natural Death	HISTO: 914670

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 10-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 13-8]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,7-3]			
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914671
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Cardiomyopathy	Mild
* Liver		Nephropathy	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 6,8-6A+6B]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hemorrhage	Moderate
[Hemorrhage TGLS = 7-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-3]			
[Leukemia Mononuclear TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914671
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 604 HISTO: 914672
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 13,14-6]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 15-3B]	
		[Leukemia Mononuclear TGLS = 9-9]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 16-9]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-8]	
* Mammary Gland		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 7-16]	
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 604 HISTO: 914672
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Adenoma Hyperplasia Inflammation	Marked Acute, Mild
[Adenoma TGLS = 1-10] [Hyperplasia TGLS = 1-10]			
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,10-3+3A]			
* Stomach, Glandular		Erosion Leukemia Mononuclear	Mild
[Erosion TGLS = 17-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4,5-7+7A]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914673
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 6-4]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 8-6A]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 4-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 7-8]			
* Prostate		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-10A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914674
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 9-6]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 8-18]	
		[Leukemia Mononuclear TGLS = 10-19]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-9]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
		[Leukemia Mononuclear TGLS = 5-17]	
		[Necrosis TGLS = 4-16]	
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914674
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,7-3+3A]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 11-15A]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]		Atrophy	Mild
[Atrophy TGLS = 3-7]			
* Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-3A]		
	[Leukemia Mononuclear TGLS = 5-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8A]		
* Nose		Inflammation	Chronic Active, Mild
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 8,10-12]		
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-3]		
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914675

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 9-15+15A]

* Testes

Bilateral, Interstit Cell

Leukemia Mononuclear

Adenoma

[Adenoma TGLS = 2-7+7A]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 595

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8A]		
* Prostate		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach		Inflammation	Chronic Active, Marked
		Ulcer	Moderate
	[Ulcer TGLS = 2-15A]		
* Testes	Bilateral, Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 388

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914677

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Necrosis	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
* Preputial Gland		Carcinoma	
	[Carcinoma TGLS = 1-10A]		
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Hyperplasia	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 719

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
Mesentery		Cyst	Mild
		Schwannoma Benign	
Note: COMPUTER WILL NOT ACCEPT HEMATOCYST. [Cyst TGLS = 5-8A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Lipoma	
		[Lipoma TGLS = 1-10A]	
* Spleen		Fibrosis	Moderate
		[Fibrosis TGLS = 6-3A]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 2,3-7+7A]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914679

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 6-6A]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 579

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914680

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	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2+3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Prostate		Hyperplasia	Focal, Mild
		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 579
HISTO: 914680

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 4-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-1+1A]		
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
	[Leukemia Mononuclear TGLS = 5,6-6]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-2+2A]		
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-9A]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Moderate
Spinal Cord	Nerve	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 718 HISTO: 914681
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 3,4-3]		Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 7-15A]		Erosion	Mild
* Testes [Adenoma TGLS = 1,2-7+7A]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3,4-6+6A]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-3+3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
Tooth		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914682

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-8]			
* Bone		Osteopetrosis	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 4-4A]			
[Nephropathy TGLS = 5-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 6-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914683

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

[Fibrosis TGLS = 2-3A]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 667

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Spleen

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 4-5A+5B+5C]			
* Liver	Bile Duct	Hyperplasia	Moderate
* Lymph Node, Mesenteric		Inflammation	Acute, Mild
[Inflammation TGLS = 6-8]			
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 7-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3-6A]			
[Eosinophilic Focus TGLS = 4-6B]			
[Hepatodiaphragmatic Nodule TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 6-4]		
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 9,10-6A+6B]		
	[Leukemia Mononuclear TGLS = 8-6+6A+6B]		
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
	Renal		
	[Leukemia Mononuclear TGLS = 7-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
	Duct		
	[Dilatation TGLS = 3-10C]		
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914686

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 11-8]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin [Keratoacanthoma TGLS = 1-10A] [Squamous Cell Papilloma TGLS = 2-10B]		Keratoacanthoma Squamous Cell Papilloma	
* Spleen [Fibrosis TGLS = 5-3A] [Leukemia Mononuclear TGLS = 4-3]		Fibrosis Leukemia Mononuclear	Mild
* Testes Tooth	Bilateral, Interstit Cell	Hyperplasia Inflammation	Minimal Acute, Mild
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 6-8A]		
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	[Nephropathy TGLS = 7-4]		
* Liver		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Degeneration TGLS = 9-6A]		
	[Leukemia Mononuclear TGLS = 8-6+6A]		
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
	Duct		
	[Dilatation TGLS = 1-10A]		
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Hyperplasia	Marked
	Pars Distalis		
	[Hyperplasia TGLS = 10-8B]		
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 914687
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Moderate
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
[Fibrosis TGLS = 4,5-3+3A+3B]			
[Leukemia Mononuclear TGLS = 3-3+3A]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 11-15+15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 473

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914688

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, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-1+1A]			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-17]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]		Necrosis	Moderate
[Necrosis TGLS = 4-3]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 8-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 473
HISTO: 914688

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* 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

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Pancreas	Acinus	Adenoma	
Note: ADENOMA ON SLIDE 5.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 309

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1+1A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3C]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8]			
* Nose		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
[Leukemia Mononuclear TGLS = 2,3,4-3+3A+3B]			
[Necrosis TGLS = 4-3A]			
* Stomach, Glandular		Inflammation	Chronic, Mild
[Inflammation TGLS = 9-15A]			
* Testes	Interstitial Cell	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 309

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914690

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Ultimobranchial Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Marked
* Heart		Cardiomyopathy Thrombosis	Mild Moderate
[Thrombosis TGLS = 9-13]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus Degeneration	Cystic, Minimal Minimal
* Mammary Gland	Bile Duct Duct	Hyperplasia Dilatation	Minimal Moderate
[Dilatation TGLS = 3-10B]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 5-3A]			
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914691

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Mild
[Cyst TGLS = 6-4A]			
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 7-6A]			
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
[Ectasia TGLS = 8-8]			
* Nose		Inflammation	Chronic Active, Moderate
Penis		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-16]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 5-3A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914692

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3,4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 6-6A]			
* Mammary Gland	Duct	Dilatation	Marked
		Fibroadenoma	
[Fibroadenoma TGLS = 2-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Mild
		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
		Squamous Cell Papilloma	
[Keratoacanthoma TGLS = 1-16]			
[Squamous Cell Papilloma TGLS = 5-17]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914693
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 3-7+7A] * Thyroid Gland	Interstit Cell Follicle C Cell	Hyperplasia Dilatation Hyperplasia	Moderate Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* 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 Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-6]		
* Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11-3B]		
	[Leukemia Mononuclear TGLS = 7-9A]		
	[Leukemia Mononuclear TGLS = 8-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-8]		
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914695
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear Mesothelioma Malignant	
[Leukemia Mononuclear TGLS = 5,6-3+3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
[Pheochromocytoma Benign TGLS = 5-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst Developmental Malformation Nephropathy	Moderate Mild
[Cyst TGLS = 7-4]			
[Developmental Malformation TGLS = 6-4+4A]			
* Liver		Basophilic Focus Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Lung		Ectasia	Mild
* Lymph Node, Mandibular		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 1-10A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-10B]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914696

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 7-3A]	
Lymph Node	Renal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-16]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-10A]	
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 8-8A]	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
		[Keratoacanthoma TGLS = 2-10B]	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914697

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4,5-3+3B]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3-7]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Developmental Malformation	
		Nephropathy	Mild
[Developmental Malformation TGLS = 3-4A]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8A]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10.1]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 388

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914699

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, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid 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 Small, Ileum		Fibrosis	Mild
* Kidney	Artery	Inflammation	Acute, Moderate
		Nephropathy	Marked
			[Inflammation TGLS = 6-4]
			[Nephropathy TGLS = 5-4]
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
			[Necrosis TGLS = 2-16]
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas	Artery	Inflammation	Acute, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Mesothelioma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 625

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Osteosarcoma	Metastatic (Nose)
[Osteosarcoma TGLS = 5-2+2A]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-16]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Mild
		Osteosarcoma	
[Osteosarcoma TGLS = 6-17]			
* Pituitary Gland	Pars Intermed	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-3A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 625 HISTO: 914701
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ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-3] * Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Squamous, Moderate Moderate
[Ulcer TGLS = 8-15A] * Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7] * Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-8]			
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-10A.1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,5-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8A]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6A]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Adenoma	
		Inflammation	Chronic, Moderate
[Adenoma TGLS = 2-16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-10A]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-3A]			
[Leukemia Mononuclear TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914704
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 8-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Carcinoma	
		Inflammation	Acute, Marked
[Carcinoma TGLS = 1-10A]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 571

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-6]	
* Lung		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-2]	
Lymph Node	Renal	Congestion	Minimal
	Mediastinal	Leukemia Mononuclear	
		[Congestion TGLS = 4-16]	
		[Leukemia Mononuclear TGLS = 5-3]	
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Acute, Mild
* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
		[Inflammation TGLS = 8-10]	
* Prostate		Inflammation	Acute, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 571 HISTO: 914706
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 9-15+15A]		Erosion	Marked
* Testes [Adenoma TGLS = 7-7A]	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914707

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		[Eosinophilic Focus TGLS = 4-6]	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
		[Dilatation TGLS = 5-10]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
		[Fibrosis TGLS = 3-3]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 1,2-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 656

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* 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	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 6,7-6]		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 4-9]	Renal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
* Nose		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 9-16]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 656

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914708

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-3]

* Stomach, Forestomach

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 12-15B]

* Stomach, Glandular

Erosion

Marked

[Erosion TGLS = 11-15+15A]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

DOSE: 0 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 667

HISTO: 914709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Parathyroid Gland	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Intestine Large, Cecum		Ulcer	Marked
* Intestine Large, Colon		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9,10,11-6+6A]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 16-2+3]		
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-9+16]		
	[Leukemia Mononuclear TGLS = 12-18]		
	[Leukemia Mononuclear TGLS = 8-17]		
	[Leukemia Mononuclear TGLS = 15-20]		
	[Leukemia Mononuclear TGLS = 13-19]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

DOSE: 0 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 667

HISTO: 914709

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 3-8]	Leukemia Mononuclear	
* Mammary Gland	Leukemia Mononuclear	
* Nose	Inflammation	Chronic Active, Moderate
* Pancreas	Leukemia Mononuclear	
* Pituitary Gland	Leukemia Mononuclear	
* Preputial Gland	Leukemia Mononuclear	
* Prostate	Leukemia Mononuclear	
* Salivary Glands	Leukemia Mononuclear	
* Seminal Vesicle	Leukemia Mononuclear	
* Skin	Leukemia Mononuclear	
* Spleen	Fibrosis	Mild
	Leukemia Mononuclear	
	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 5-3+3A]		
[Necrosis TGLS = 6-3A]		
* Stomach, Forestomach [Leukemia Mononuclear TGLS = 17-15A]	Leukemia Mononuclear	
* Stomach, Glandular [Leukemia Mononuclear TGLS = 7,17-15A]	Leukemia Mononuclear	
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell Adenoma	
* Thymus [Leukemia Mononuclear TGLS = 14-3]	Leukemia Mononuclear	
* Urinary Bladder	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 434

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914710

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Artery	Inflammation	Chronic Active, Moderate
		Nephropathy	Minimal
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1,2-16+16A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-17]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Histiocytic Sarcoma TGLS = 4,6-6]			
[Mixed Cell Focus TGLS = 3-6A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914711

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 5,6,8-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 7-10A]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914712

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 574

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla	Bilateral	Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4,5-4]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 8-6]			
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 9-16]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 6-3]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 11-15]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 574 HISTO: 914713
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * 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 | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|--------------|----------|
| * Epididymis | * Testes |
|--------------|----------|

OBSERVATIONS

- | | | | |
|--|---------------|----------------------|---------|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Colon | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 6-5A] | | | |
| * Kidney | | Leukemia Mononuclear | |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 9-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 10-2+3] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 12-19] | | | |
| [Leukemia Mononuclear TGLS = 8-18] | | | |
| [Leukemia Mononuclear TGLS = 7-17] | | | |
| [Leukemia Mononuclear TGLS = 1-16] | | | |
| [Leukemia Mononuclear TGLS = 11-3A] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914714

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Leukemia Mononuclear TGLS = 2-9]		Leukemia Mononuclear	
* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 5-8A]		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Pituitary Gland [Adenoma TGLS = 13-8]	Pars Distalis	Adenoma Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen [Leukemia Mononuclear TGLS = 3-3B] [Necrosis TGLS = 4-3B]		Leukemia Mononuclear Necrosis	Moderate
* Stomach, Glandular [Erosion TGLS = 14-15A]		Erosion	Moderate
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
[Ectasia TGLS = 9-9]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-16]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 8-8]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-10A]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914715

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 10-3]

[Leukemia Mononuclear TGLS = 4-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2,3-7+7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Marked
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Degeneration TGLS = 8,13-6+6A]		
	[Leukemia Mononuclear TGLS = 7-6+6A]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-2+3]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 12-9]		
	[Leukemia Mononuclear TGLS = 9-3]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914816
ORGAN AND ACCOUNTABLE SITE STATUS			
[Necrosis TGLS = 6-16]	Fat	Necrosis	Mild
* Nose		Leukemia Mononuclear	
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-10]			
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11,5-3+3A]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 14-15+15A]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 15-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,5-6+6A]		
* Lung		Inflammation	Chronic, Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 4-16]		
* Mammary Gland	Duct	Dilatation	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
	[Fibrosis TGLS = 3-3]		
	[Leukemia Mononuclear TGLS = 2-3+3A]		
* Stomach, Glandular		Erosion	Minimal
	[Erosion TGLS = 8-15]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 641

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone | * Epididymis | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--|---------------------------|----------------------|--------------------------|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 5,6-1] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| [Leukemia Mononuclear TGLS = 7,8-6+6A] | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 4-2+3] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | Duct | Dilatation | Minimal |
| * Nose | | Inflammation | Chronic Active, Minimal |
| | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Minimal |
| * Prostate | | Inflammation | Chronic Active, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 3-3] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [Adenoma TGLS = 1,2-7] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 641

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914818

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
		[Eosinophilic Focus TGLS = 5,9-6]	
		[Leukemia Mononuclear TGLS = 4-6]	
* Lung		Hyperplasia	Lymphoid, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		[Hyperplasia TGLS = 6-8]	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		[Fibrosis TGLS = 2-3]	
		[Leukemia Mononuclear TGLS = 3-3]	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914819

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1,7,8-7]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 9-6A]			
[Leukemia Mononuclear TGLS = 5-6+6A]			
* Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 7-2+2A+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-8]			
* Mammary Gland	Duct	Dilatation	Moderate
		Leukemia Mononuclear	
[Dilatation TGLS = 1-10A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914820

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 8-8]	Pars Distalis	Adenoma	
* Preputial Gland [Dilatation TGLS = 2-10]	Duct	Dilatation Inflammation	Moderate Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Spleen [Fibrosis TGLS = 4-3B] [Leukemia Mononuclear TGLS = 3-3B]		Fibrosis Leukemia Mononuclear	Mild
* Testes [Adenoma TGLS = 10-7A]	Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 466

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914821

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, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2+2A]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Acute, Moderate
* Spleen		Leukemia Mononuclear	
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 2-3]			
[Thrombosis TGLS = 3-3]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 8-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 466

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914821

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral, Interstit Cell

Adenoma

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 6-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-17]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-10A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914822

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Ultimobranchial Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		[Degeneration TGLS = 2-6A]	
		[Eosinophilic Focus TGLS = 3-6A]	
		[Leukemia Mononuclear TGLS = 5-6+6A]	
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 4-8]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-3]	
* Testes	Bilateral, Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914823
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	Follicle C Cell	Dilatation Hyperplasia	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 6-7]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 698 HISTO: 914824
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 7-15A]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
	[Thrombosis TGLS = 8-13]		
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
	[Leukemia Mononuclear TGLS = 4,9-6+6A]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-16]		
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Ulcer	Marked
	[Ulcer TGLS = 7-15+15A]		
* Stomach, Glandular		Ulcer	Moderate
	[Ulcer TGLS = 7-15A]		
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914825

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5,6-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	[Inflammation TGLS = 10-2+2A]		
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-16]		
	[Leukemia Mononuclear TGLS = 8-17]		
	[Leukemia Mononuclear TGLS = 9-3A]		
* Mammary Gland	Duct	Dilatation	Moderate
	[Dilatation TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914826
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 4-3]		Leukemia Mononuclear	
* Stomach, Glandular [Ulcer TGLS = 11-15A]		Ulcer	Moderate
* Testes [Adenoma TGLS = 2,3-7]	Bilateral, Interstit Cell	Adenoma	
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 6-3A]			
* Nose		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-3]			
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 8-15A]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914827

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
* Lymph Node, Mesenteric [Necrosis TGLS = 5-8]			
* Mammary Gland	Duct	Dilatation	Marked
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland [Adenoma TGLS = 6-8A]	Pars Distalis	Adenoma	
* Preputial Gland [Carcinoma TGLS = 2-10A]		Carcinoma	
* Prostate		Inflammation	Chronic Active, Marked
* Skin [Squamous Cell Papilloma TGLS = 1-16]		Squamous Cell Papilloma	
* Testes [Adenoma TGLS = 3,4-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Pancreatic		
[Leukemia Mononuclear TGLS = 2-16]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Concretion	Mild
		Hyperplasia	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914829

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
[Carcinoma TGLS = 5-8A]			
* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Kidney	Capsule	Cyst	Moderate
		Hemorrhage	Chronic, Moderate
		Nephropathy	Moderate
[Cyst TGLS = 10-4B]			
[Hemorrhage TGLS = 9-4A]			
[Nephropathy TGLS = 6-4]			
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild
[Eosinophilic Focus TGLS = 11-6A]			
* Lung		Carcinoma	Metastatic (Mammary Gland)
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1,2-10A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914830
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Hemorrhage	Chronic, Mild
		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-10B]			
* Spleen		Congestion	Moderate
		Leukemia Mononuclear	
[Congestion TGLS = 4-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Congestion	Moderate
[Congestion TGLS = 9-5A]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-4]			
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 7-6+6A]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Mammary Gland	Duct	Dilatation	Minimal
[Dilatation TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914831

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 4-3A]

* Stomach, Forestomach

Inflammation

Acute, Marked

Ulcer

Marked

[Ulcer TGLS = 10-15+15A]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2,3-7+7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-4]			
* Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 6-6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Nasolacrim Dct, Squam Epithel	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Preputial Gland	Duct	Dilatation	Marked
		Hyperplasia	Mild
[Dilatation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 9-15+15A]			
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914832

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3,4-7+7A]

* Thyroid Gland

C Cell

Carcinoma

[Carcinoma TGLS = 8-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-6+6A]			
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914833

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 598

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-1]			
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-4+4A]		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 10-6]		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-17]	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-9+19]			
[Leukemia Mononuclear TGLS = 9-16]			
[Leukemia Mononuclear TGLS = 14-3+18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 598

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914834

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Acute, Marked
		Leukemia Mononuclear	
[Inflammation TGLS = 5-14]			
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
* Stomach, Glandular		Erosion	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3,4-7+7A]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 700

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 12,13,14,15-6+6A+6B]		
* Lung		Inflammation	Chronic, Mild
Lymph Node	Renal	Fibrosis	Mild
	Pancreatic	Leukemia Mononuclear	
	[Fibrosis TGLS = 16-17]		
	[Leukemia Mononuclear TGLS = 10-9]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
	[Hemorrhage TGLS = 5-8]		
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-16]		
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 700 HISTO: 914835
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ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 8,9-3A]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3+3A]			
* Stomach, Forestomach		Ulcer	Marked
* Stomach, Glandular		Erosion	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3,4-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 628

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 7-8]		
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11-1]		
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	[Nephropathy TGLS = 8-4]		
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10,13-6A]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 12-2+2A+3]		
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8]		
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 628

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914836

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5,6-3+3A]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-7+7A]		
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 607

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914837

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Hyperostosis	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 5-4]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 9-2A]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3A]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-8]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-10A]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 607 HISTO: 914837
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Ulcer TGLS = 8-15A]		Ulcer	Moderate
* Testes [Adenoma TGLS = 2,3-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-1+1A]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 12-2A]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3,5-16+16A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 3	SEX: Male	DAY ON TEST: 666
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 914838

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-3]			
[Necrosis TGLS = 7-3]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 10-15+15A]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 10-15+15A]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 2-4A]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 7-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914839

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 6-15A]

* Stomach, Glandular

Ulcer

Marked

[Ulcer TGLS = 5-15A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Congestion	Mild
	Pancreatic	Leukemia Mononuclear	
	[Congestion TGLS = 8-3]		
	[Leukemia Mononuclear TGLS = 5-9A]		
* Lymph Node, Mesenteric		Congestion	Mild
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 1-10A]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914840

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-3]

* Stomach, Forestomach

Epithelium

Hyperplasia

Squamous, Minimal

[Hyperplasia TGLS = 9-15+15A]

* Stomach, Glandular

Erosion

Mild

[Erosion TGLS = 10-15]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2,3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 6-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2,5-7]			
* Thymus		Fibrosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 538

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-6]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 7-3A]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-3]	
* Stomach, Forestomach		Ulcer	Moderate
		[Ulcer TGLS = 9-15+15B]	
* Stomach, Glandular		Erosion	Marked
		[Erosion TGLS = 8-15B]	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 538

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914842

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2,3-7+7A]

* Thymus

* Urinary Bladder

Leukemia Mononuclear

Hemorrhage

Mild

Leukemia Mononuclear

[Hemorrhage TGLS = 4-9A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia Vacuolization Cytoplasmic	Minimal Minimal
* Heart	Coron Artery	Inflammation	Chronic Active, Marked
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Cytomegaly Degeneration Eosinophilic Focus	Minimal Cystic, Moderate
	Bile Duct	Hyperplasia Pigmentation	Minimal Minimal
[Eosinophilic Focus TGLS = 5,6,9-6+6A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-10A]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7+7A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914843

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Marked
* Intestine Large, Rectum		Edema	Marked
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 8-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 15-6A]			
[Leukemia Mononuclear TGLS = 9-6+6A]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-3]			
[Leukemia Mononuclear TGLS = 6-9+9A]			
* Lymph Node, Mesenteric		Necrosis	Moderate
[Necrosis TGLS = 13-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3,4-16]			
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 604 HISTO: 914844
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ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-3]			
[Necrosis TGLS = 12-3A]			
* Stomach, Forestomach [Hyperplasia TGLS = 17-15A]	Epithelium	Hyperplasia	Squamous, Moderate
* Stomach, Glandular [Erosion TGLS = 16-15]		Erosion	Mild
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Necrosis TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 3-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin		Inflammation	Acute, Mild
		Trichoepithelioma	
[Trichoepithelioma TGLS = 4-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Inflammation	Chronic Active, Marked
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11,12-6+6A]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 15-2+3]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 13-17]		
	[Leukemia Mononuclear TGLS = 7-9+16]		
	[Leukemia Mononuclear TGLS = 16-3]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Necrosis	Moderate
	[Leukemia Mononuclear TGLS = 6-8]		
* Mammary Gland		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914846

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 10-16]

* Nose		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 8,9-3+3A]

* Stomach, Glandular		Erosion	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 2,3,4,5-7]

* Thymus		Leukemia Mononuclear	
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[Leukemia Mononuclear TGLS = 14-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-8]			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Angiectasis	Moderate
		Degeneration	Mild
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Centrilobular	Hepatodiaphragmatic Nodule	
[Eosinophilic Focus TGLS = 8,10-6+6A]		Necrosis	Mild
[Hepatodiaphragmatic Nodule TGLS = 9-6A]			
* Lymph Node, Mandibular		Congestion	Mild
		Ectasia	Mild
[Congestion TGLS = 11-9]			
* Lymph Node, Mesenteric		Congestion	Marked
[Congestion TGLS = 12-8]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1,2-10B]			
* Nose		Inflammation	Chronic Active, Marked
	Respirat Epith	Squamous Cell Carcinoma	
* Pituitary Gland	Pars Distalis	Ectasia	Moderate
	Pars Distalis	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914847

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland

Inflammation

Chronic, Minimal

* Prostate

Inflammation

Chronic Active, Minimal

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3,4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 701

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914848

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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
			[Vacuolization Cytoplasmic TGLS = 2-6+6A]
* Lung	Alveolar Epith	Carcinoma	Metastatic (Zymbal'S Gland)
		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
			[Carcinoma TGLS = 6-2A]
	Mediastinal	Congestion	Mild
			[Congestion TGLS = 5-3A+3A.1]
* Lymph Node, Mandibular		Inflammation	Chronic Active, Marked
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Salivary Glands		Inflammation	Chronic Active, Marked
			[Inflammation TGLS = 4-9A]
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Ulcer	Mild
			[Ulcer TGLS = 8-15A]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 914848
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Erosion TGLS = 8-15A]		Erosion	Mild
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
Zymbal's Gland [Carcinoma TGLS = 7-16]		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Medulla	Bilateral	Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-6A]			
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 5-3A]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-6+6A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1,3-10+10A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914851

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

Eye		Atrophy	Marked
[Atrophy TGLS = 1-16]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mesenchymal Tumor Malignant	
		Nephropathy	Marked
[Nephropathy TGLS = 5,6-4]			
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 7,8-6+6A+6B]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-17]			
* Pancreas		Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914851

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-10]

* Prostate

Inflammation

Chronic Active, Mild

* Skin

Hyperplasia

Squamous, Marked

[Hyperplasia TGLS = 9-18]

* Stomach, Glandular

Mineralization

Mild

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 4-7]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 618

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Lung
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Epididymis
* Lymph Node, Mandibular
* Prostate
* Stomach, Glandular

* Bone
* Esophagus
* Mammary Gland
* Salivary Glands
* Thymus

* Bone Marrow
* Intestine Large, Rectum
* Nose
* Skin
* Thyroid Gland

MISSING

* Intestine Large, Cecum
* Islets, Pancreatic
* Preputial Gland

* Intestine Small, Duodenum
* Kidney
* Seminal Vesicle

* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Spleen

* Intestine Small, Jejunum
* Pancreas
* Urinary Bladder

OBSERVATIONS

* Heart

[Thrombosis TGLS = 3-13]
* Intestine Large, Colon
* Liver

* Pituitary Gland
* Testes

[Adenoma TGLS = 4-7]

Cardiomyopathy
Thrombosis

Parasite Metazoan
Hyperplasia
Necrosis
Cyst
Adenoma
Hyperplasia

Minimal
Moderate

Minimal
Minimal
Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914853

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, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
		Fibroadenoma	
* Mammary Gland [Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland [Angiectasis TGLS = 4-8A]	Pars Distalis	Angiectasis	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Focal, Minimal
* Spleen		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 2,3-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Mediastinal	Congestion	Mild
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Congestion TGLS = 7-18]			
[Leukemia Mononuclear TGLS = 6-16]			
[Leukemia Mononuclear TGLS = 4-17]			
Mesentery		Inflammation	Acute, Mild
[Inflammation TGLS = 2-5A]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Thrombosis	Marked
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914854

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 8-15A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 667

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 9-18]			
[Leukemia Mononuclear TGLS = 6-16]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8A]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO: 914855
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ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 5-3+3A] [Leukemia Mononuclear TGLS = 4-3+3A] * Stomach, Glandular		Leukemia Mononuclear	
[Erosion TGLS = 11-15A] * Testes	Interstit Cell	Erosion Leukemia Mononuclear	Marked
[Adenoma TGLS = 2-7] * Thymus		Adenoma Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-------------------|--------------------------|---------|---------------------|
| * Bone | * Bone Marrow | * Brain | * Epididymis |
| * Esophagus | * Lymph Node, Mandibular | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Thymus |
| * Thyroid Gland | * Trachea | | |

MISSING

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lymph Node, Mesenteric |
| * Mammary Gland | * Pancreas | * Prostate | * Seminal Vesicle |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|-------------------|----------------|----------------|------------------|
| * Heart | | Cardiomyopathy | Mild |
| * Lung | | Congestion | Moderate |
| * Preputial Gland | | Inflammation | Chronic, Minimal |
| * Testes | Interstit Cell | Adenoma | |

[Adenoma TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
[Cyst TGLS = 6-4A]			
[Nephropathy TGLS = 7-4+4A]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 8,9-6+6A+6B]			
[Leukemia Mononuclear TGLS = 11-6+6A+6B]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 10-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914857
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Keratoacanthoma TGLS = 1-10A]		Keratoacanthoma	
* Spleen [Leukemia Mononuclear TGLS = 5-3]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Adrenal Medulla		Hyperplasia	Marked
		Leukemia Mononuclear	
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Hydronephrosis	Minimal
		Leukemia Mononuclear	
		Nephropathy	Marked
	[Nephropathy TGLS = 6-4]		
* Liver		Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Fibrosis TGLS = 7-6A]		
	[Leukemia Mononuclear TGLS = 7,8-6+6A]		
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-18]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Marked
	[Dilatation TGLS = 11-10A]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1,2-16+17]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 914858

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
		Hyperplasia	Mild
	[Hyperplasia TGLS = 3-9A]		
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 9-2]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
	[Fibrosis TGLS = 4-3A]		
	[Leukemia Mononuclear TGLS = 5-3+3A]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
	[Hyperplasia TGLS = 12-15A]		
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Hyperplasia	Marked
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 444

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-7B]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Mesothelioma Malignant	
* Intestine Large, Colon		Mesothelioma Malignant	
* Intestine Small, Duodenum		Mesothelioma Malignant	
* Intestine Small, Ileum		Mesothelioma Malignant	
* Intestine Small, Jejunum		Mesothelioma Malignant	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Moderate
[Degeneration TGLS = 13-6]		Mesothelioma Malignant	
* Lung		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
[Mesothelioma Malignant TGLS = 8-9]		Mesothelioma Malignant	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-16]			
* Skin		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-17]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 444
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 914859

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 9,10-3A]	Mesothelioma Malignant	
* Stomach, Forestomach	Mesothelioma Malignant	
* Stomach, Glandular	Erosion	Mild
	Mesothelioma Malignant	
[Erosion TGLS = 15-15A+15B]		
[Mesothelioma Malignant TGLS = 11-15]		
* Testes	Bilateral, Interstit Cell	
	Adenoma	
	Mesothelioma Malignant	
[Adenoma TGLS = 5,6-7+7A]		
[Mesothelioma Malignant TGLS = 2-7+7A]		
* Urinary Bladder	Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Preputial Gland	* Prostate	* Seminal Vesicle	* Testes
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Thrombosis	Mild
[Thrombosis TGLS = 2-13]			
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
[Degeneration TGLS = 1-6]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 4-15A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 673

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6,7-6+6A]	
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-17]	
		[Leukemia Mononuclear TGLS = 11-19]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-9]	
* Mammary Gland	Duct	Dilatation	Moderate
		[Dilatation TGLS = 1-10+10A]	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 4-16]	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 13-8]	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 673 HISTO: 914861
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Inflammation	Acute, Minimal
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 12-10B]		
* Spleen		Fibrosis	Moderate
	[Fibrosis TGLS = 5-3A]	Leukemia Mononuclear	
* Stomach, Glandular		Ulcer	Moderate
	[Ulcer TGLS = 14-15]		
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 97	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914862
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Basophilic Focus	
		Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3,4-6+6A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 553

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 914863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 5,11-4+4A]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3A]			
[Leukemia Mononuclear TGLS = 7-16]			
[Leukemia Mononuclear TGLS = 8-17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-9]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-9]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 3 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 553 HISTO: 914863
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 2-10A]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3,4-3B+3C]		
* Testes	Interstit Cell	Hyperplasia	Mild
* Trachea		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, 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		Oligodendroglioma Malignant	
	[Oligodendroglioma Malignant TGLS = 1-1]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Testes	Interstitial Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 620

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 9-6]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-9A]	
		[Leukemia Mononuclear TGLS = 11-3A]	
		[Leukemia Mononuclear TGLS = 10-16]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-9]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-8A]	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6,7,8-3A+3B]	
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 620

DOSE: 100 PPM

DISP: Natural Death

HISTO: 914865

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 12-15]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2,3-7+7A]

* Thymus

Leukemia Mononuclear

* Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Lipoma	
[Lipoma TGLS = 6-5A]			
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 5-8]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-16]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-10]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is cystic type. [Nephropathy TGLS = 3,4-4+4A]			
* Liver	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Degeneration TGLS = 5-6]			
* Nose	Nasolacrim Dct	Cyst	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Marked
[Hyperplasia TGLS = 7-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914767

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1,2-7]

* Thyroid Gland

C Cell

Adenoma

[Adenoma TGLS = 6-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914768

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Moderate
		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			
* Testes	Bilateral, Interstit Cell	Hyperplasia	Mild
Tooth		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 589

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Nephropathy TGLS = 10-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 11-6A]			
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-16]			
[Leukemia Mononuclear TGLS = 14-18]			
[Leukemia Mononuclear TGLS = 7-9]			
[Leukemia Mononuclear TGLS = 13-17]			
[Leukemia Mononuclear TGLS = 15-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 589

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914769

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-9A]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8]			
* Mammary Gland		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 17-8]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Marked
		Leukemia Mononuclear	
[Adenoma TGLS = 2-10]			
[Leukemia Mononuclear TGLS = 2-10]			
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
[Leukemia Mononuclear TGLS = 6-3]			
[Necrosis TGLS = 8-3]			
* Stomach, Glandular		Erosion	Marked
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 16-3A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3,5-6+6A+6B]			
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Inflammation TGLS = 4-2A+3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Cyst	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 7-4]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 8-6A]			
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Fibrosis	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10A]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Dilatation	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-10B]			
* Testes	Interstitial Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914772

ORGAN AND ACCOUNTABLE SITE STATUS

Thrombosis

Marked

[Adenoma TGLS = 4-7]

[Thrombosis TGLS = 5-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 596

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-1+1A]			
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10,11-2+3]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 4-9A]			
[Leukemia Mononuclear TGLS = 6-16]			
[Leukemia Mononuclear TGLS = 9-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 596 HISTO: 914773
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ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,13-3+3B]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 644

HISTO: 914774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Fibrosis	Moderate
* Intestine Large, Colon		Cardiomyopathy	Minimal
* Kidney		Inflammation	Acute, Moderate
* Liver	Bile Duct	Nephropathy	Moderate
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,8-6+6A]		
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Pancreatic	Necrosis	Moderate
	[Leukemia Mononuclear TGLS = 9-17]		
	[Leukemia Mononuclear TGLS = 10-18]		
	[Leukemia Mononuclear TGLS = 4-9A]		
	[Leukemia Mononuclear TGLS = 11-3A]		
	[Leukemia Mononuclear TGLS = 6-16]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 644

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914774

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Leukemia Mononuclear TGLS = 1-9]		Leukemia Mononuclear	
* Lymph Node, Mesenteric [Leukemia Mononuclear TGLS = 3-8]		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen [Leukemia Mononuclear TGLS = 5-3]		Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 12-15+15A]		Erosion	Moderate
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-4]			
* Liver		Developmental Malformation	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Moderate
[Developmental Malformation TGLS = 7-6B]			
[Eosinophilic Focus TGLS = 6-6+6A+6B]			
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2,5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914775

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
	[Cardiomyopathy TGLS = 12-13A]		
	[Thrombosis TGLS = 11-13]		
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 5-4]		
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
	[Eosinophilic Focus TGLS = 7,8-6A+6B]		
	[Leukemia Mononuclear TGLS = 9-6+6A]		
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 13-3A]		
	[Leukemia Mononuclear TGLS = 6-17]		
	[Leukemia Mononuclear TGLS = 3-9A]		
	[Leukemia Mononuclear TGLS = 10-16]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914776

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Leukemia Mononuclear TGLS = 1-9]		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen [Fibrosis TGLS = 4-3]		Fibrosis	Minimal
* Stomach, Glandular [Erosion TGLS = 14-15+15A]		Erosion	Marked
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	
* Urinary Bladder		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
[Degeneration TGLS = 3-6A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-16]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 580

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 11-4]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-16]			
[Leukemia Mononuclear TGLS = 10-3B]			
[Leukemia Mononuclear TGLS = 4-9A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-8]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 580 HISTO: 914778
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Inflammation	Acute, Minimal
* Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibroma	
	[Cyst Epithelial Inclusion TGLS = 1-10B]		
	[Fibroma TGLS = 9-10A]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5,12,13-3A]		
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
	[Adenoma TGLS = 3-7]		
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 708

HISTO: 914779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Moderate
* Kidney	Renal Tubule	Adenoma	Multiple
		Cyst	Moderate
		Nephropathy	Marked
		[Cyst TGLS = 7-4+4A]	
		[Nephropathy TGLS = 6-4+4A]	
* Liver	Bile Duct	Hyperplasia	Moderate
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
		[Vacuolization Cytoplasmic TGLS = 8-6]	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Congestion	Mild
	Mediastinal	Hemorrhage	Mild
		[Congestion TGLS = 5-9A]	
		[Hemorrhage TGLS = 9-3A]	
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	Multiple
		[Keratoacanthoma TGLS = 2-10+10A]	
* Spleen		Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 708
HISTO: 914779

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-3]

* Stomach, Glandular

* Testes

[Adenoma TGLS = 3-7]

Bilateral, Interstit Cell

Mineralization

Adenoma

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 525

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hemorrhage	Moderate
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-4]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-6]			
* Lymph Node, Mandibular		Congestion	Mild
[Congestion TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-15A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 679

HISTO: 914781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Congestion	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Cyst	Marked
		Nephropathy	Marked
[Cyst TGLS = 6,8-6+6A]			
[Nephropathy TGLS = 7,8-6+6A]			
* Liver		Angiectasis	Mild
	Centrilobular	Degeneration	Moderate
		Degeneration	Cystic, Minimal
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Angiectasis TGLS = 12-6]			
[Degeneration TGLS = 9-6+6A]			
Mesentery		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 679
HISTO: 914781

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 11-2]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 5-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Marked
[Hyperplasia TGLS = 14-15A]			
* Stomach, Glandular		Mineralization	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 269

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 700

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* 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	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
[Thrombosis TGLS = 12-13]			
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 9,10,11-6+6A+6B]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Renal	Edema	Marked
	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
[Leukemia Mononuclear TGLS = 8-16]			
[Leukemia Mononuclear TGLS = 6-18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 700

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914783

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-8]

* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 13-10A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3+3A]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 14-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7+7A]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Ectopic Pancreas	
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Mild Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Bile Duct	Degeneration Hyperplasia Pigmentation Vacuolization Cytoplasmic	Cystic, Mild Minimal Minimal Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Preputial Gland		Adenoma Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914784

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 13-1]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9,10,11-6+6A+6B]		
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 14-3A]		
	[Leukemia Mononuclear TGLS = 12-16]		
	[Leukemia Mononuclear TGLS = 8-17]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-8]		
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 669 HISTO: 914785
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia Leukemia Mononuclear	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin [Fibroma TGLS = 1-10A]	Subcut Tiss	Fibroma	
* Spleen [Leukemia Mononuclear TGLS = 7-3]		Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 16-15A]		Erosion	Mild
* Testes [Adenoma TGLS = 3,4-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
* Urinary Bladder [Leukemia Mononuclear TGLS = 5,15-9A]		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 700

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914786

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Galactocele	Moderate
* Mammary Gland [Galactocele TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland [Adenoma TGLS = 4-8]	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic Active, Mild
* Testes [Adenoma TGLS = 2,3-7+7A]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 4-4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 5-6A]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Nose		Inflammation	Chronic Active, Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914787

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 534

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914788

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
	[Cyst TGLS = 6-4A]		
	[Nephropathy TGLS = 5-4+4A]		
* Liver		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
		Hyperplasia	Lymphoid, Minimal
Lymph Node	Renal		
	[Hyperplasia TGLS = 7-16]		
* Mammary Gland	Duct	Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 8-8]		
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 3-10B]		
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Lipoma	
	[Lipoma TGLS = 4-10A]		
* Testes	Bilateral, Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-4]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6A]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-3A]			
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-10]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914789

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 2,7-7]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Marked
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6+6A]			
[Leukemia Mononuclear TGLS = 8-6+6A]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Pigmentation	Mild
[Ectasia TGLS = 9-3B]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Inflammation	Chronic, Marked
[Inflammation TGLS = 4-9A]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-10B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914790
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Hyperkeratosis TGLS = 1-10A]		Hyperkeratosis Hyperplasia	Marked Squamous, Mild
* Spleen [Fibrosis TGLS = 6-3+3A] [Leukemia Mononuclear TGLS = 5-3]		Fibrosis Leukemia Mononuclear	Mild
* Testes [Adenoma TGLS = 3-7]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914791

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, Mandibular	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 4,5-4]			
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Renal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
	Renal	Pigmentation	Mild
[Hyperplasia TGLS = 3-17]			
[Hyperplasia TGLS = 6-16]			
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914791

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland

Inflammation

Chronic, Minimal

* Prostate

Hyperplasia

Focal, Marked

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 4-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Focal, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-9A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 3-4]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 4-6+6A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Focal, Moderate
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 662

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Epididymis		Fibrosis	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5A]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Chronic, Mild
* Nose		Inflammation	Chronic Active, Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 6-15A]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-15B]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7+7A]			
* Thyroid Gland	Follicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,8-6+6A]		
* Lung		Hemorrhage	Mild
		Inflammation	Chronic, Mild
	[Hemorrhage TGLS = 9-2A]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-16]		
* Nose		Inflammation	Chronic Active, Moderate
Oral Mucosa	Pharyngeal	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-3]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Stomach, Glandular		Erosion	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 648 HISTO: 914795
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ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 10-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3,4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 9-6A]			
[Leukemia Mononuclear TGLS = 10-6+6A]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-19+20]			
[Leukemia Mononuclear TGLS = 4-16]			
[Leukemia Mononuclear TGLS = 12-18]			
[Leukemia Mononuclear TGLS = 6-17]			
[Leukemia Mononuclear TGLS = 13-13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914796

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-8]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-8A]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 16,7,8-3+3A+3B]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 17-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Epididymis		Mesothelioma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 5-6A]			
[Vacuolization Cytoplasmic TGLS = 4,5-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 6-8A]			
* Preputial Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-10A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914797

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Intestine Large, Cecum		Inflammation	Acute, Marked
[Inflammation TGLS = 8-5]			
* Kidney		Cyst	Minimal
		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Leukemia Mononuclear	
[Hemorrhage TGLS = 13-15]			
[Leukemia Mononuclear TGLS = 9-9]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-8]			
* Skin	Subcut Tiss	Inflammation	Chronic Active, Moderate
		Necrosis	Mild
[Inflammation TGLS = 1-10A]			
[Necrosis TGLS = 3-17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914798

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 10-3]		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Stomach, Glandular [Erosion TGLS = 14-15]		Erosion	Minimal
* Testes [Adenoma TGLS = 5,6-7]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 640

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914799

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
		[Hepatocellular Carcinoma TGLS = 6-6]	
		[Leukemia Mononuclear TGLS = 5,7,8,9-6+6A]	
* Mammary Gland	Duct	Dilatation	Minimal
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		[Hyperplasia TGLS = 1-10]	
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-3]	
* Stomach, Glandular		Inflammation	Chronic Active, Moderate
		[Inflammation TGLS = 10-15A]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 2-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Melanoma Malignant	Metastatic (Skin)
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Lipoma	
[Lipoma TGLS = 12-17]			
* Kidney	Renal Tubule	Adenoma	
		Atrophy	Mild
		Cyst	Moderate
		Nephropathy	Marked
[Cyst TGLS = 5-4A]			
[Nephropathy TGLS = 4-4+4A]			
* Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Melanoma Malignant	Metastatic (Skin)
[Melanoma Malignant TGLS = 9-2+2A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914801
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Adenoma	
* Pituitary Gland [Hyperplasia TGLS = 11-8]	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin Note: Melanoma Mal is Amelanotic Melanoma. [Melanoma Malignant TGLS = 10-18]	Pinna	Melanoma Malignant	
* Spleen [Fibrosis TGLS = 13-3]		Fibrosis Leukemia Mononuclear	Minimal
* Testes [Adenoma TGLS = 2,3-7]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 719

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11-1]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
	[Nephropathy TGLS = 7-4]	Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-16]		
	[Leukemia Mononuclear TGLS = 12-9]		
	[Leukemia Mononuclear TGLS = 8-18]		
	[Leukemia Mononuclear TGLS = 9-3A+17]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 5	SEX: Male	DAY ON TEST: 719
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 914802

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-8A]			
* Mammary Gland		Fibroadenoma Leukemia Mononuclear	
[Fibroadenoma TGLS = 2-10A]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-8]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Testes	Interstitial Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 486

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914803

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	* Lung
* 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

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 1-9]		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Hyperplasia	Mild
Zymbal's Gland [Carcinoma TGLS = 2-16+16A]		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Brain

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Marked
* Bone		Osteopetrosis	Mild
* Bone Marrow		Depletion Cellular	Moderate
* Kidney	Renal Tubule	Cyst Hyperplasia Nephropathy	Mild Marked Moderate
		[Cyst TGLS = 3-4+4A]	
		[Nephropathy TGLS = 2-4+4A]	
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		[Hyperplasia TGLS = 4-8]	
* Prostate		Hyperplasia Inflammation	Focal, Mild Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 1-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914804

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 3-6+6A]			
* Nose		Inflammation	Chronic Active, Mild
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-12]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 722

HISTO: 914806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 5-8]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8]		
* Nose		Inflammation	Chronic Active, Marked
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 8-10A]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914806

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 632

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Epididymis	* Preputial Gland	* Testes
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Degeneration TGLS = 3-6]			
* Lymph Node, Mesenteric		Fibrosis	Moderate
[Fibrosis TGLS = 4-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Spleen		Fibrosis	Marked
[Fibrosis TGLS = 1-3A]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 5-15A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914808

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, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 4-4A]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 5-6+6A]			
* Lung		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Heart		Cardiomyopathy Thrombosis	Mild Mild
[Thrombosis TGLS = 7-13]			
* Kidney		Cyst Nephropathy	Mild Moderate
[Cyst TGLS = 8-4A]			
[Nephropathy TGLS = 4-4]			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear Hemorrhage	Minimal Minimal
* Lung			
[Hemorrhage TGLS = 5-2A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Fibrosis Leukemia Mononuclear	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914809

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 9-3]

[Leukemia Mononuclear TGLS = 3-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 7-6+6A]			
[Leukemia Mononuclear TGLS = 6-6+6A]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-16]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-3]			
[Leukemia Mononuclear TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914810

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

* Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 609

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Marked
[Degeneration TGLS = 5-6A]			
[Vacuolization Cytoplasmic TGLS = 4-6+6A]			
Lymph Node	Renal	Congestion	Mild
[Congestion TGLS = 3-16]			
* Mammary Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 8-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 609 HISTO: 914811
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 7-15A] * Stomach, Glandular [Erosion TGLS = 7-15A]		Erosion	Moderate
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 147	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 538 HISTO: 914812
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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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Moderate
		Fibroadenoma	
[Dilatation TGLS = 1-10B]			
[Fibroadenoma TGLS = 1-10A]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8A]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 5-15A]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 538

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914812

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 148

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 673

HISTO: 914813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 11,16-8B]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
[Nephropathy TGLS = 12-4]			
* Liver	Periportal	Fibrosis	Marked
	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 9,10-6+6A]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-19]			
[Leukemia Mononuclear TGLS = 5-17]			
[Leukemia Mononuclear TGLS = 13-18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148	TRT#: 5 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 673 HISTO: 914813
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 15-8A]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-3A]			
[Leukemia Mononuclear TGLS = 6-3+3A]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 17-15+15A]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 17-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 529

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914814

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5,8,6-6+6A+6B]		
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-16]		
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-10A]		
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-3]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2,3-7]		
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

DOSE: 200 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 627

HISTO: 914815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
* Liver	Bile Duct	Hyperplasia	Moderate
[Leukemia Mononuclear TGLS = 10,11,12,15-6+6A+6B]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-2+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3]			
[Leukemia Mononuclear TGLS = 7-9]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Pancreas		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-3]			
* Stomach, Forestomach		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 627
HISTO: 914815

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 9,16-15+15A]		Ulcer	Marked
* Stomach, Glandular [Erosion TGLS = 17-15A]		Erosion	Minimal
* Testes [Adenoma TGLS = 2,3-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 634

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-1+1A]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 7-4]			
* Liver	Bile Duct	Hyperplasia	Mild
[Leukemia Mononuclear TGLS = 8,11-6+6A]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-10+10A]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 4-16]			
* Nose		Inflammation	Chronic Active, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-3]			
* Stomach, Forestomach		Inflammation	Acute, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 634 HISTO: 914716
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ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 12-15A]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 13-15B]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Hemorrhage Leukemia Mononuclear	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Epididymis	* Preputial Gland	* Testes
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OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Marked
[Cardiomyopathy TGLS = 13-13]			
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-2]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 5-16]			
[Leukemia Mononuclear TGLS = 4-9A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914717

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,11-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 15-15B]			
[Inflammation TGLS = 15-15]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 14-15A]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 647

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914718

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Moderate
* Mammary Gland	Duct	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-8]		
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 622

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Inflammation	Acute, Mild
* Kidney		Cyst	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 6-4]			
* Liver	Centrilobular	Degeneration	Minimal
	Periportal	Fibrosis	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 9-6B]			
[Pigmentation TGLS = 7-6A]			
[Vacuolization Cytoplasmic TGLS = 8-6+6A+6B]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Congestion	Minimal
	Renal	Congestion	Mild
[Congestion TGLS = 10-16]			
[Congestion TGLS = 4-9A]			
* Lymph Node, Mesenteric		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 622
HISTO: 914719

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 3-8]

* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation Ulcer	Chronic Active, Moderate Moderate

[Ulcer TGLS = 5-15]

* Stomach, Glandular		Mineralization	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 194

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914720

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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 1-4]			
* Liver	Centrilobular	Necrosis	Moderate
* Nose		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Ulcer TGLS = 3-15A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea			

MISSING

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

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-1]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6,8-6A]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Necrosis TGLS = 7-16]			
* Nose	Nasolacrim Dct	Cyst	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914721

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,12-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7+7A]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Dilatation	Moderate
* Urinary Bladder		Hemorrhage	Mild
[Hemorrhage TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914722

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Epidermis	Degeneration	Mild
[Degeneration TGLS = 5-16]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 6-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 700

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Rectum	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
	[Thrombosis TGLS = 7-13]		
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Hepatocellular Adenoma TGLS = 5-6B]		
	[Leukemia Mononuclear TGLS = 3,4,5-6+6A+6B]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-2]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 2-10B]		
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLS = 1-10A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914724

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* 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	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Cytomegaly	Mild
	Centrilobular	Degeneration	Moderate
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 5-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Mild
Mesentery	Fat		
[Necrosis TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland		Adenoma	
		Inflammation	Acute, Moderate
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914724

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 2-7+7.1]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 681

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Moderate
* Liver	Periportal	Fibrosis	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Renal	Congestion	Mild
[Congestion TGLS = 6-16]			
* Lymph Node, Mesenteric		Congestion	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-10B]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-10A]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-3+3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Periportal	Fibrosis	Mild
	Bile Duct	Fibrosis	Minimal
		Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
Note: THE NECROSIS IS AN AGONAL CHANGE.			
[Fibrosis TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 4-6A]			
Lymph Node	Mediastinal	Congestion	Marked
[Congestion TGLS = 5-16]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen			
Note: AUTOLYSIS - TGL 7-3A			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 8-15+15A+15B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 697
HISTO: 914726

ORGAN AND ACCOUNTABLE SITE STATUS

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

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 562

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Clear Cell Focus TGLS = 3-6A]			
[Leukemia Mononuclear TGLS = 4-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8A]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Testes	Interstitial Cell	Hyperplasia	Moderate
* Thymus		Ectopic Parathyroid Gland	
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 5-16]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 444

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 5-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Nose		Inflammation	Chronic Active, Minimal
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 2-10A]			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 7-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Hydronephrosis Hyperplasia Nephropathy	Minimal Mild Moderate
		[Hydronephrosis TGLS = 5-4] [Nephropathy TGLS = 4-4]	
* Liver	Centrilobular Periportal Bile Duct	Cytomegaly Fibrosis Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Mild Minimal Mild Moderate
		[Vacuolization Cytoplasmic TGLS = 6-6]	
* Lung	Alveolar Epith	Hyperplasia Infiltration Cellular Inflammation Pigmentation	Mild Histiocyte, Minimal Chronic, Minimal Mild
Lymph Node	Renal		
		[Pigmentation TGLS = 7-17]	
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914729
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-16]			
* Nose		Inflammation	Chronic Active, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 3-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 523

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914730

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Centrilobular	Degeneration	Moderate
	Periportal	Fibrosis	Moderate
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
		Pigmentation	Mild
[Degeneration TGLS = 4-6]			
* Mammary Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 8-16]			
* Nose		Inflammation	Chronic Active, Marked
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland		Ultimobranchial Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 523

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914730

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 675

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Periportal	Fibrosis	Minimal
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
		[Eosinophilic Focus TGLS = 6-6A]	
		[Fibrosis TGLS = 4-6+6A]	
* Lung		Congestion	Mild
* Nose		Cyst Epithelial Inclusion	Moderate
		Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
		[Hyperplasia TGLS = 5-8]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Marked
		[Fibrosis TGLS = 3-3]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166	TRT#: 7	SEX: Male	DAY ON TEST: 675
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 914731

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Erosion TGLS = 7-15A]		Erosion	Marked
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
[Cyst TGLS = 3-4A]			
[Nephropathy TGLS = 2-4]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4,5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands		Cellular Alteration	Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914732

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 1-7]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

Follicle

Dilatation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 685

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Osteomalacia	Moderate
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4,5-4]			
* Liver	Periportal	Fibrosis	Moderate
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Minimal
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Moderate
[Fibrosis TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Pigmentation	Mild
[Pigmentation TGLS = 7-16]			
* Pituitary Gland	Pars Distalis	Degeneration	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 685

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914733

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-15+15A]

* Stomach, Glandular

* Testes

Bilateral, Interstit Cell

[Adenoma TGLS = 2-7]

Tongue

[Squamous Cell Papilloma TGLS = 8-17]

Inflammation

Chronic Active, Moderate

Mineralization

Mild

Adenoma

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 644

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914734

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	Multiple
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
* Liver	Centrilobular	Cytomegaly	Moderate
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Dilatation	Marked
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Marked
		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 644
HISTO: 914734

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 8-15+15A]

* Testes

Interstit Cell
Interstit Cell

Adenoma
Hyperplasia

Mild

[Adenoma TGLS = 5,6-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 543

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1+1A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-4]			
* Liver	Bile Duct	Hyperplasia	Mild
[Leukemia Mononuclear TGLS = 5-6]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2+2A+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3A]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Glandular		Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 543

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914735

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 9-15A]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 672

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone | * Epididymis | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--------------|--------------------------------------|----------------------|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Inflammation | Acute, Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Adenoma | |
| | | Inflammation | Acute, Moderate |
| | | Nephropathy | Marked |
| * Liver | Periportal | Eosinophilic Focus | |
| | Bile Duct | Fibrosis | Minimal |
| | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | [Eosinophilic Focus TGLS = 5-6A] | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Edema | Marked |
| | Pancreatic | Inflammation | Chronic Active, Mild |
| | Mediastinal | Leukemia Mononuclear | |
| | | [Edema TGLS = 3-9] | |
| | | [Inflammation TGLS = 3-9] | |
| | | [Leukemia Mononuclear TGLS = 7-3A] | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | [Leukemia Mononuclear TGLS = 6-9A] | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171	TRT#: 7	SEX: Male	DAY ON TEST: 672
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 914736

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 8-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 4-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-7+7A]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Mitotic Alteration	Moderate
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
	[Vacuolization Cytoplasmic TGLS = 4,5-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 1-10]		
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 6-3]		
* Stomach, Glandular		Inflammation	Acute, Minimal
	[Inflammation TGLS = 7-15A]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914737

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 2,3-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-1]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4+4A]		Nephropathy	Minimal
* Liver	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11,12-6+6A]			
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-3A]			
[Leukemia Mononuclear TGLS = 1-16+17]			
[Leukemia Mononuclear TGLS = 10-18]			
[Leukemia Mononuclear TGLS = 6-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914738

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-9A+19]			
[Leukemia Mononuclear TGLS = 13-18]			
[Leukemia Mononuclear TGLS = 2-20]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8A]			
* Mammary Gland		Fibroadenoma	
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 16-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
* Stomach, Glandular		Mineralization	Minimal
		Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 515

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Seminal Vesicle

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-6]		
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-9A]		
	[Leukemia Mononuclear TGLS = 7-16]		
	[Leukemia Mononuclear TGLS = 6-17]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-9]		
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 515
HISTO: 914739

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 4-3]		Leukemia Mononuclear
* Testes [Adenoma TGLS = 3-7]	Bilateral, Interstit Cell	Adenoma
* Thymus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Mild
Note: Hyperplasia, minimal is cystic type.			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6,7-6+6A]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-2A]	
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Marked
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-3]	
* Stomach, Glandular		Ulcer	Moderate
		[Ulcer TGLS = 8-15A]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 697
HISTO: 914740

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 1-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 719

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914741

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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Marked
		[Cyst TGLS = 5-4A]	
		[Nephropathy TGLS = 4-4+4A]	
* Liver	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-6]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Acute, Marked
		[Inflammation TGLS = 1-10B]	
* Skin		Keratoacanthoma	
		[Keratoacanthoma TGLS = 8-10A]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-3A]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		[Hyperplasia TGLS = 9-15A]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 719
HISTO: 914741

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Erosion TGLS = 10-15A]

Erosion

Mild

* Testes
[Adenoma TGLS = 2-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 428

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914742

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Developmental Malformation	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[Developmental Malformation TGLS = 1-6A]		
	[Eosinophilic Focus TGLS = 2,4-6C]		
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10A]			
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 7-10B]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-3A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,4-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-3A]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 2-4]		
* Liver	Centrilobular	Degeneration	Moderate
	Periportal	Fibrosis	Mild
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
	[Degeneration TGLS = 3-6+6A, 8-6A]		
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 6-2]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 4-10A]		
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 5-3]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
	[Hyperplasia TGLS = 7-15A]		
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914745

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 719

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Kidney	Pelvis	Cyst	Moderate
		Inflammation	Acute, Mild
		Nephropathy	Marked
[Cyst TGLS = 5-4+4A]			
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Nose		Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 3-3+3A]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 719
HISTO: 914746

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 1-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Eosinophilic Focus	
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mitotic Alteration	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 2-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 647

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Colon
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Small, Duodenum
* Mammary Gland
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Islets, Pancreatic
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Intestine Large, Cecum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Thymus

MISSING

* Intestine Large, Rectum

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Heart
* Kidney
* Liver

[Eosinophilic Focus TGLS = 4-6]
[Fibrosis TGLS = 3-6]
* Lung
[Congestion TGLS = 5-2+3]
* Nose
* Pancreas
* Preputial Gland
* Testes
[Adenoma TGLS = 1,2-7]

Periportal

Bile Duct

Cardiomyopathy
Nephropathy
Eosinophilic Focus
Fibrosis
Fibrosis
Hyperplasia
Mixed Cell Focus
Pigmentation

Congestion

Inflammation
Atrophy
Inflammation
Adenoma

Minimal
Mild

Mild
Minimal
Mild
Mild

Moderate

Chronic Active, Minimal
Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914749

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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hepatocellular Adenoma	Multiple
		Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 7-6]		
	[Hepatocellular Adenoma TGLS = 7-6A]		
	[Leukemia Mononuclear TGLS = 6-6+6A]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-2]		
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 2-10A]		
* Nose		Polyp, Inflammatory	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914749
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Hyperplasia Inflammation	Focal, Minimal Chronic Active, Minimal
* Spleen [Leukemia Mononuclear TGLS = 4-3]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst Nephropathy	Moderate Moderate
[Cyst TGLS = 3-4A] [Nephropathy TGLS = 4-4+4A]			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Mild
[Inflammation TGLS = 6-2+2A+3]			
* Mammary Gland	Duct	Dilatation Hyperplasia Inflammation	Mild Mild Chronic, Mild
* Preputial Gland			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Glandular		Mineralization	Mild
[Mineralization TGLS = 7-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914750

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-4]			
* Liver	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hemorrhage	Minimal
		Hyperplasia	Mild
[Hemorrhage TGLS = 8-2+2A+3]			
Lymph Node	Inguinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 9-8]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-10B]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914751

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7]

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 627

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* 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	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-6A]			
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Nose	Nasolacrim Dct	Inflammation	Acute, Mild
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 627
HISTO: 914752

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 1-7]

Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-6+6A]		
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-16,10-3A]		
	[Leukemia Mononuclear TGLS = 9-18]		
	[Leukemia Mononuclear TGLS = 8-17]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
	[Fibrosis TGLS = 11-3B]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914753

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-3+3B]

* Stomach, Glandular

Erosion

Moderate

[Erosion TGLS = 12-15A]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2,3-7+7A]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild
		[Leukemia Mononuclear TGLS = 4,5-6+6A]	
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Focal, Minimal
* Skin		Keratoacanthoma	
		[Keratoacanthoma TGLS = 6-16]	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		[Fibrosis TGLS = 3-3+3A]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 1,2-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914754

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Thymoma Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914755

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	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 6-4]			
* Liver	Centrilobular	Degeneration	Marked
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Degeneration TGLS = 8-6]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 5-18+19]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8B]			
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-16]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	Minimal
[Angiectasis TGLS = 11-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 691
HISTO: 914755

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 12-3A]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 13-15+15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 601

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 4-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-17]			
* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-16]			
* Nose		Inflammation	Chronic Active, Marked
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 601 HISTO: 914756
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ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 8-15A]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 7-15A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 584

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ear	* 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, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLS = 3-6]	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 5-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Pinna	Melanoma Malignant	
	Note: Melanoma Mal is Amelanotic Melanoma.		
	[Melanoma Malignant TGLS = 4-16]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-3]		
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 6-15A]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-7]		
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 584

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914757

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney	Renal Tubule	Cyst	Minimal
		Hyperplasia	Mild
		Nephropathy	Moderate
[Cyst TGLS = 5-4]			
[Nephropathy TGLS = 3,4-4]			
* Liver	Periportal	Cholangiocarcinoma	
	Bile Duct	Eosinophilic Focus	
		Fibrosis	Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Cholangiocarcinoma TGLS = 8-6A]			
[Eosinophilic Focus TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 6-6+6A]			
* Lung	Mediastinal	Inflammation	Chronic, Minimal
Lymph Node		Congestion	Mild
[Congestion TGLS = 9-3]			
* Mammary Gland	Duct	Dilatation	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 914758
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Forestomach [Hyperkeratosis TGLS = 11-15+15A]	Epithelium	Hyperkeratosis Hyperplasia Ulcer	Moderate Squamous, Moderate Minimal
* Stomach, Glandular		Mineralization	Minimal
* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 717

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is both solid and cystic types.			
			[Cyst TGLS = 6-4A]
			[Nephropathy TGLS = 5-4]
* Liver		Angiectasis	Mild
	Periportal	Fibrosis	Minimal
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Marked
			[Vacuolization Cytoplasmic TGLS = 7-6]
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
Lymph Node	Mediastinal	Congestion	Mild
	Renal	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

DOSE: 400 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 717

HISTO: 914759

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 9-18]

[Pigmentation TGLS = 8-17]

* Nose

Inflammation

Chronic Active, Mild

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 11-8A]

* Preputial Gland

Inflammation

Chronic, Minimal

* Prostate

Inflammation

Chronic Active, Mild

* Seminal Vesicle

Fibrosis

Mild

Mineralization

Moderate

* Skin

Keratoacanthoma

[Keratoacanthoma TGLS = 10-10A]

* Spleen

Pigmentation

Mild

[Pigmentation TGLS = 3-3A]

* Stomach, Forestomach

Epithelium

Hyperplasia

Squamous, Moderate

Ulcer

Moderate

[Ulcer TGLS = 12-15A]

* Stomach, Glandular

Mineralization

Moderate

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 598

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 6-4]			
* Liver		Eosinophilic Focus	
	Periportal	Fibrosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 7-6]			
Lymph Node	Mediastinal	Congestion	Minimal
	Pancreatic	Congestion	Minimal
	Renal	Congestion	Minimal
[Congestion TGLS = 9-3]			
[Congestion TGLS = 8-16]			
[Congestion TGLS = 5-9A]			
* Lymph Node, Mandibular		Ectasia	Mild
[Ectasia TGLS = 2-9]			
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 3-10+10A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 195	TRT#: 7 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 598 HISTO: 914760
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Inflammation TGLS = 1-10]		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach [Hyperplasia TGLS = 11-15A]	Epithelium	Hyperplasia	Squamous, Marked
* Testes	Bilateral, Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Complex	
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	Multiple
		Nephropathy	Marked
		[Adenoma TGLS = 4-4A]	
		[Nephropathy TGLS = 3-4]	
* Liver	Centrilobular	Cytomegaly	Mild
	Periportal	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
		[Fibrosis TGLS = 5-6+6A]	
* Lung		Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
		[Hyperplasia TGLS = 6-8]	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914761

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Mineralization	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 4-6+6A]			
[Fibrosis TGLS = 3-6+6A]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
Lymph Node	Renal	Pigmentation	Mild
[Pigmentation TGLS = 5-16]			
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 914762

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes
[Adenoma TGLS = 1-7]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 520

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 8-2A]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3A]			
[Leukemia Mononuclear TGLS = 4-9A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Acute, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 10-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 520
HISTO: 914763

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2,3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 465

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Hyperplasia Leukemia Mononuclear	Marked
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 2-2]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2+2A+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8A]			
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Pinna	Melanoma Malignant	
Note: Melanoma Mal is Amelanotic Melanoma.			
[Melanoma Malignant TGLS = 3-16]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 465

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914764

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 8-7]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914765

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, 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	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
	[Nephropathy TGLS = 4-4]		
* Liver	Centrilobular	Basophilic Focus	
		Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Periportal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
	[Eosinophilic Focus TGLS = 6-6]		
	[Fibrosis TGLS = 5-6+6A]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 7-2A]		
* Lymph Node, Mandibular		Ectasia	Minimal
	[Ectasia TGLS = 1-9]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914765

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 216

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 914881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland	Duct	Ectasia	Minimal
[Ectasia TGLS = 4-10]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 1-6+6A]			
[Leukemia Mononuclear TGLS = 3-6+6A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 2-8A]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 217

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 914882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
Oral Mucosa	Pharyngeal	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-16]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLS = 3-8A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Congestion	Mild
		Necrosis	Mild
[Necrosis TGLS = 3-6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 219

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 673

HISTO: 914884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Pigmentation	Mild
		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 5,6,7-6+6A+6B]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
Note: Spleen and Liver also negative for MCL.			
[Hyperplasia TGLS = 2-9]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 9-8]			
* Stomach, Forestomach		Inflammation	Chronic Active, Marked
		Ulcer	Moderate
[Ulcer TGLS = 3-10+10A]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 8-14B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 673

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914884

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 622

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 1-10A]		Adenoma	
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 3-6A]			
* Lymph Node, Mesenteric		Congestion	Mild
* Mammary Gland	Duct	Dilatation	Moderate
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland [Angiectasis TGLS = 4-8]	Pars Distalis	Angiectasis	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 221

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 649

HISTO: 914886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 3-6A]			
* Lung		Congestion	Mild
[Congestion TGLS = 1-2+3]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
	[Basophilic Focus TGLS = 3-6+6A]		
	[Hepatodiaphragmatic Nodule TGLS = 4-6]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-15]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Angiectasis TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 399

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
		Tension Lipidosis	
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Carcinoma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Inflammation	Acute, Mild
[Inflammation TGLS = 1,2-15+16]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
	[Vacuolization Cytoplasmic TGLS = 3-6A]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,2-10A+10B]		
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Mild
		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLS = 4-8]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 225

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 687

HISTO: 914890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5,8-6+6A]		
* Lung		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-3]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 3,1,2-10A+10B+10C]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 6-15]		
* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-3]		
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914890

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 226

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 914891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Osteopetrosis	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-10A+10B]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-6+6A]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-10A]			
* Pancreas		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mitotic Alteration	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 4-6+6A]			
[Vacuolization Cytoplasmic TGLS = 3-6+6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Congestion	Moderate
		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 596

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Congestion	Mild
* Liver		Congestion	Minimal
		Eosinophilic Focus	
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 5-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 230

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 914895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|------------------------------------|---------------|---------------------------|-------------------------|
| * Adrenal Cortex | | Vacuolization Cytoplasmic | Marked |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone | | Osteopetrosis | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Mixed Cell Focus | |
| [Basophilic Focus TGLS = 5-6+6A] | | | |
| * Mammary Gland | | Carcinoma | |
| | | Fibroadenoma | |
| [Carcinoma TGLS = 2,3-10B+10C] | | | |
| [Fibroadenoma TGLS = 1-10A] | | | |
| * Nose | | Inflammation | Chronic Active, Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 4-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Moderate
		Pigmentation	Moderate
[Inflammation TGLS = 2,3-6+6A]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
		Hyperplasia	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-15]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[Basophilic Focus TGLS = 2-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10+10A]		
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 4-8A]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 233

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 493

HISTO: 914898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteopetrosis	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
Lymph Node	Iliac	Congestion	Mild
	Mediastinal	Congestion	Mild
	Renal	Congestion	Minimal
[Congestion TGLS = 5-15]			
[Congestion TGLS = 3-3A]			
[Congestion TGLS = 4-16]			
* Ovary		Congestion	Mild
		Inflammation	Chronic, Mild
[Congestion TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 6-8]			
[Hyperplasia TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Necrosis	Moderate
		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 493
HISTO: 914898

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma Stromal TGLS = 1-7A]

PRIMARY CAUSE OF DEATH

-

Animal Note: SPLEEN HEMA CELL PROLIF DUE TO MARROW CAVITY OCCUPIED BY BONE RESULTING FROM OST EOPETROSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Rectum
* Kidney	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Fibrous Histiocytoma	Metastatic (Mesentery)
* Intestine Large, Colon		Fibrous Histiocytoma	Metastatic (Mesentery)
* Intestine Small, Duodenum		Fibrous Histiocytoma	Metastatic (Mesentery)
* Intestine Small, Ileum		Fibrous Histiocytoma	Metastatic (Mesentery)
* Intestine Small, Jejunum		Fibrous Histiocytoma	Metastatic (Mesentery)
* Islets, Pancreatic		Fibrous Histiocytoma	Metastatic (Mesentery)
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fibrous Histiocytoma	Metastatic (Mesentery)
[Basophilic Focus TGLS = 8-6+6A+6C]			
[Fibrous Histiocytoma TGLS = 6,7-6+6A+6B+6C]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 10-3]			
* Lymph Node, Mesenteric		Fibrous Histiocytoma	Metastatic (Mesentery)
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 3,4-16+17+18]			
* Ovary		Fibrous Histiocytoma	Metastatic (Mesentery)
* Pancreas		Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 5-9]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914899

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 11-8A]

Skeletal Muscle

Abdominal

Fibrous Histiocytoma

Metastatic (Mesentery)

[Fibrous Histiocytoma TGLS = 2-15]

* Stomach, Glandular

Fibrous Histiocytoma

Metastatic (Mesentery)

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Acute, Mild
[Inflammation TGLS = 4-10B]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-6A]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Galactocele	Moderate
		Hyperplasia	Moderate
[Galactocele TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8A]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-6A]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cyst	Marked
[Cyst TGLS = 3-8]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-6A]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 1-8]			
* Thymus		Inflammation	Acute, Moderate
		Lymphoma Malignant	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 2-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle	Abdominal	Lipoma	
[Lipoma TGLS = 1-15]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 239

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 636

HISTO: 914904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Islets, Pancreatic	* Pancreas
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OBSERVATIONS

* Bone		Osteopetrosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6,12-6]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,10-2+2A+3]		
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-15]		
	[Leukemia Mononuclear TGLS = 11-3A]		
	[Leukemia Mononuclear TGLS = 4-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10+10A]		
* Pituitary Gland		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 239

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 636

HISTO: 914904

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 3-3]	Leukemia Mononuclear	
* Stomach, Forestomach	Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 9-14A]	Erosion	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 240

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 681

HISTO: 914905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hemorrhage	Moderate
* Clitoral Gland	Duct	Ectasia	Minimal
[Ectasia TGLS = 3-10A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Congestion	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Congestion	Mild
		Fibrosis	Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-6A]		Hyperplasia	Minimal
		Tension Lipidosis	
* Lymph Node, Mesenteric		Congestion	Mild
* Mammary Gland	Duct	Dilatation	Moderate
* Nose		Cyst	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 2-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 681

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914905

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH APPEARS TO BE RUPTURE OF PITUITARY BLOOD VESSEL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-10B+10C]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-15]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Adenoma	
	Duct	Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Mild
[Adenoma TGLS = 1-10A]			
[Fibroadenoma TGLS = 2-10B]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 3,4,6-6A+6B+6C]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild
[Angiectasis TGLS = 5-8]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 3-6]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 246

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 696

HISTO: 914911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Developmental Malformation	
		Eosinophilic Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Developmental Malformation TGLS = 4-6A]			
[Eosinophilic Focus TGLS = 6-6B]			
[Vacuolization Cytoplasmic TGLS = 5,6-6+6A+6B]			
* Mammary Gland		Fibroadenoma	Multiple
		Sarcoma	
[Fibroadenoma TGLS = 2,3-10B+10C]			
[Sarcoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hemorrhage	Mild
Note: HEMATOPOIETIC CELL PROLIFERATION, MILD PRESENT.			
[Hemorrhage TGLS = 8-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Erosion	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 696

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914911

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Note: HEMATOPOIETIC CELL PROLIFERATION, MILD PRESENT.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 247

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 914912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 6-6A]			
[Leukemia Mononuclear TGLS = 5-6+6A]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Marked
		Fibroadenoma	
[Dilatation TGLS = 1-10A]			
[Fibroadenoma TGLS = 2-10B]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 914913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, 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

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 717

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Moderate
* Brain			
Note: TGL 9-1			
Note: TGL 9-1			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-4]			
* Liver		Angiectasis	Moderate
		Basophilic Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 6,7-6+6A]			
[Vacuolization Cytoplasmic TGLS = 5-6+6A]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
		Galactocele	Mild
[Adenoma TGLS = 1-10]			
[Fibroadenoma TGLS = 2-10A+10B]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 249	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 717 HISTO: 914914
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-8] * Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Squamous, Marked Moderate
[Hyperplasia TGLS = 3-14A] * Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 10-14+14B] * Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 588

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Congestion	Mild
		Eosinophilic Focus	
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 2-6A]			
[Necrosis TGLS = 4-6]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-2A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-15]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-8A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 2-6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	Pars Intermed	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-6A]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-10A+10B]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thymus		Ectopic Parathyroid Gland	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 255

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 717

HISTO: 914920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Skin		Hyperplasia	Squamous, Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-10A]			
[Inflammation TGLS = 4-10C]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-10A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 4-6A]			
* Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-6A]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Congestion	Mild
	Mediastinal	Pigmentation	Moderate
[Congestion TGLS = 3-3A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 4-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 259

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 503

HISTO: 914924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Mineralization	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-4]			
* Liver	Centrilobular	Necrosis	Moderate
Note: AUTOLYSIS, MODERATE, TGL 6-6+6A, IS PRESENT.			
[Necrosis TGLS = 7-6A]			
* Ovary		Cyst	Mild
[Cyst TGLS = 8-7]			
* Parathyroid Gland		Hyperplasia	Mild
* Stomach, Forestomach		Hyperkeratosis	Marked
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
[Ulcer TGLS = 4-10+10A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 661

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 914925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* 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

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Ectopic Pancreas	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-6A]			
* Mammary Gland		Fibroadenoma	
		Galactocele	Moderate
[Galactocele TGLS = 2-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8A]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 667

HISTO: 914926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 5-6A]	
		[Leukemia Mononuclear TGLS = 4-6]	
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Congestion	Mild
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
		[Congestion TGLS = 3-15+16]	
		[Leukemia Mononuclear TGLS = 6-3]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
		[Angiectasis TGLS = 7-8A]	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 667

HISTO: 914926

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 8-3A]

[Leukemia Mononuclear TGLS = 2-3]

* Stomach, Forestomach

Inflammation

Acute, Mild

Ulcer

Mild

[Ulcer TGLS = 9-14+14A]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 671

HISTO: 914927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteopetrosis	Mild
* Clitoral Gland	Duct	Ectasia	Minimal
[Ectasia TGLS = 9-10B]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 5,6-6+6A]		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 7-16]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 8-8A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 10-14+14A]			
* Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 671

DOSE: 0 PPM

DISP: Natural Death

HISTO: 914927

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 264

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 914929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Mixed Cell Focus	
[Angiectasis TGLS = 3-6A]			
[Basophilic Focus TGLS = 4-6A]			
[Mixed Cell Focus TGLS = 1-6A]			
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 914930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* 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		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Acute, Moderate
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 5-6A]			
* Mammary Gland	Duct	Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 2-10A]			
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8.1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 267

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 695

HISTO: 915032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-1]			
* Heart		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia Leukemia Mononuclear	Minimal
[Hepatodiaphragmatic Nodule TGLS = 8-6A]			
[Leukemia Mononuclear TGLS = 9-6+6A]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3]			
[Leukemia Mononuclear TGLS = 5-9]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Mammary Gland		Fibroadenoma Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 695

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915032

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-10+10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-15]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,7-3]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 14,15-14+14A]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	Mild
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 3,4-6]	
		[Leukemia Mononuclear TGLS = 2-6]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Ectasia	Moderate
		[Ectasia TGLS = 5-8]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-3]	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Duct	Ectasia Hyperplasia Inflammation	Mild Mild Chronic Active, Mild
[Inflammation TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-6A]	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 270

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 915035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Osteopetrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLS = 4-6]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-2+3]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-9A]		
	[Leukemia Mononuclear TGLS = 9-3A]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-8]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10+10A]		
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 6-8]		
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915035

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-3]

[Leukemia Mononuclear TGLS = 2-3]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915036

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, Jejunum
* Islets, Pancreatic	* Lung	* 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 TGLS = 2-10]	Duct	Ectasia	Moderate
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Pigmentation	Minimal
* Mammary Gland [Fibroadenoma TGLS = 1-10A]		Fibroadenoma	
* Pituitary Gland [Adenoma TGLS = 4-8]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteopetrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 6-6+6A]			
[Leukemia Mononuclear TGLS = 5-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 2-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 8-15]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 7-8]			
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-10B]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915037

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-3]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 273

TRT#: 4

DOSE: 100 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 915038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Developmental Malformation	
	Eosinophilic Focus	
	Mixed Cell Focus	
[Developmental Malformation TGLS = 5-6A]		
* Lymph Node, Mandibular	Congestion	Minimal
[Congestion TGLS = 4-9]		
* Mammary Gland	Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-10A+10B+10C]		
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 6-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 717

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Moderate
[Inflammation TGLS = 7,5-2+2A+2B+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3A]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 9-8+8A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 6-15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274

TRT#: 4
DOSE: 100 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 717
HISTO: 915039

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2,3-15+15A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-RE8A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3-6A]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Pancreas		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 533

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
		Tension Lipidosis	
[Hepatodiaphragmatic Nodule TGLS = 2-6]			
[Mixed Cell Focus TGLS = 3-6A]			
* Lymph Node, Mandibular		Ectasia	Mild
[Ectasia TGLS = 5-9]			
* Nose	Nasolacrim Dct	Cyst	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 650

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex [Carcinoma TGLS = 13-8]		Carcinoma	Metastatic (Kidney)
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Carcinoma	Metastatic (Kidney)
* Heart		Carcinoma	Metastatic (Kidney)
* Intestine Large, Cecum [Carcinoma TGLS = 3-5A]		Carcinoma	Metastatic (Kidney)
* Kidney [Carcinoma TGLS = 15,5,6-4+4A+4B]	Transit Epithe	Carcinoma	
* Liver [Carcinoma TGLS = 7,8,9-6+6A+6B]	Centrilobular	Carcinoma Degeneration	Metastatic (Kidney) Mild
* Lung [Carcinoma TGLS = 10,11-2+2A+2B+3]		Carcinoma	Metastatic (Kidney)
Lymph Node [Carcinoma TGLS = 14-3A]	Mediastinal	Carcinoma	Metastatic (Kidney)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Kidney)
* Mammary Gland [Carcinoma TGLS = 1-10A]		Carcinoma	
* Ovary [Carcinoma TGLS = 2-7]		Carcinoma	Metastatic (Kidney)
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Pleura		Carcinoma	Metastatic (Kidney)
* Spleen		Carcinoma	Metastatic (Kidney)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278	TRT#: 4 DOSE: 100 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 650 HISTO: 915043
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ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 4-3B]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 17-14B]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 16-14+14A]			
* Thymus		Carcinoma	Metastatic (Kidney)
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 4-6+6A]			
[Eosinophilic Focus TGLS = 3-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Ovary		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 488

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Hyperplasia Carcinoma	Marked Moderate Metastatic (Uterus)
* Intestine Small, Duodenum [Carcinoma TGLS = 5,14-5A+6A]			
* Kidney [Hydronephrosis TGLS = 9,10-4]		Hydronephrosis	Moderate
* Liver [Carcinoma TGLS = 6-6A]	Centrilobular	Carcinoma Degeneration Hematopoietic Cell Proliferation Necrosis	Metastatic (Uterus) Moderate Mild Moderate
* Lung		Carcinoma	Metastatic (Uterus)
* Lymph Node, Mesenteric		Carcinoma Hyperplasia	Metastatic (Uterus) Lymphoid, Moderate
* Mammary Gland Mesentery [Carcinoma TGLS = 4,11-15]	Duct	Dilatation Carcinoma	Mild Metastatic (Uterus)
* Pancreas		Carcinoma	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Cyst	Mild
Skeletal Muscle [Carcinoma TGLS = 12-16]		Carcinoma	Metastatic (Uterus)
* Spleen		Carcinoma Hematopoietic Cell Proliferation	Metastatic (Uterus) Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280	TRT#: 4 DOSE: 100 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 488 HISTO: 915045
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ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 7,8-3+3A]		
* Stomach, Forestomach	Ulcer	Mild
[Ulcer TGLS = 16-14C]		
* Stomach, Glandular	Carcinoma	Metastatic (Uterus)
	Erosion	Mild
[Carcinoma TGLS = 13-14A]		
[Erosion TGLS = 15-14B]		
* Uterus	Carcinoma	
	Dilatation	Marked
[Carcinoma TGLS = 3-7B]		
[Dilatation TGLS = 2-7A]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 4-10]			
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Developmental Malformation	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
[Inflammation TGLS = 8-2+3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-10+10A+10B]			
* Pancreas		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 7-8]			
* Spleen		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 281

TRT#: 4
DOSE: 100 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 915046

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
* Uterus

C Cell

Hyperplasia
Polyp Stromal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Moderate
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 4-8A]			
* Spleen		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
		Fibroadenoma	
		Galactocele	Mild
[Fibroadenoma TGLS = 2-10B]			
[Galactocele TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Cytoplasmic Alteration	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 546

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Necrosis	Moderate
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Ulcer	Marked
[Ulcer TGLS = 4-5A]			
* Islets, Pancreatic		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-6A]		Leukemia Mononuclear	
* Lung		Carcinoma	Metastatic (Pancreas)
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Minimal
Oral Mucosa	Pharyngeal	Inflammation	Acute, Moderate
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7A]			
* Pancreas		Carcinoma	
Note: Pancreatic Carcinoma is NOS.			
[Carcinoma TGLS = 2-9A]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 284	TRT#: 4	SEX: Female	DAY ON TEST: 546
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 915049

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Atrophy	Mild
		Inflammation	Chronic, Moderate
* Spleen		Fibrosis	Minimal
		Necrosis	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Ulcer	Marked
[Ulcer TGLS = 5-14+14A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLS = 3-6+6A]	Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	[Angiectasis TGLS = 4-8A]	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Bone Marrow | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--------------------------------------|---------------|----------------------|-------------------------|
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone | | Osteopetrosis | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 5-6] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 4-9] | | | |
| [Leukemia Mononuclear TGLS = 6-15] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,2-10A+10B] | | | |
| * Nose | | Inflammation | Chronic Active, Minimal |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 7-8] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 3-3] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Clitoral Gland [Ectasia TGLS = 2-10]	Duct	Ectasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver [Eosinophilic Focus TGLS = 5-6A]		Basophilic Focus Clear Cell Focus Eosinophilic Focus	
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland [Carcinoma TGLS = 1-10A] [Fibroadenoma TGLS = 3-10B]		Carcinoma Fibroadenoma	
Mesentery [Necrosis TGLS = 4-15]	Fat	Necrosis	Mild
* Pancreas		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	Pars Distalis	Cyst	Mild
		Hyperplasia	Mild
[Hyperplasia TGLS = 6-8]			
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 611

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Intestine Small, Duodenum		Carcinoma	Metastatic (Pancreas)
* Intestine Small, Jejunum		Carcinoma	Metastatic (Pancreas)
* Kidney		Carcinoma	Metastatic (Pancreas)
		Nephropathy	Minimal
[Carcinoma TGLS = 5-4A]			
* Liver		Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 4-6]			
* Lung		Carcinoma	Metastatic (Pancreas)
Lymph Node	Mediastinal	Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 7-3A]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Pancreas)
[Carcinoma TGLS = 3-8]			
* Mammary Gland		Galactocele	Mild
[Galactocele TGLS = 1-10A]			
* Ovary		Carcinoma	Metastatic (Pancreas)
* Pancreas		Carcinoma	
Note: Pancreatic Carcinoma is NOS.			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 8-8]			
* Spleen		Carcinoma	Metastatic (Pancreas)
* Stomach, Forestomach		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 611

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915053

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 9-14A]

* Thymus

Carcinoma

Metastatic (Pancreas)

* Uterus

Carcinoma

Metastatic (Pancreas)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 1-6A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
Lymph Node	Renal	Ectasia	Mild
[Ectasia TGLS = 2-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 3-8RE]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 2,5-6A]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 4-8]			
* Skin	Subcut Tiss	Fibrosis	Mild
		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 3-10A]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Chronic, Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 6-6B]			
[Hepatodiaphragmatic Nodule TGLS = 3-6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-8]			
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 5-14A]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-7A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915058

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Clitoral Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 5-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4,6-6B]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Galactocele	Mild
[Fibroadenoma TGLS = 1-10A]			
[Galactocele TGLS = 2-10+10A]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Angiectasis	Moderate
[Angiectasis TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-15]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	[Clear Cell Focus TGLS = 3-6]		
	[Hepatodiaphragmatic Nodule TGLS = 2-6]		
* Lung		Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* 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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Adenoma	
		Ectasia	Minimal
	[Adenoma TGLS = 1-10]		
	[Ectasia TGLS = 5-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[Eosinophilic Focus TGLS = 3-6+6A]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 2-10A+10B]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 4-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8A]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Congestion	Marked
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Mild
[Necrosis TGLS = 4,6-6+6A]			
* Lung		Inflammation	Chronic, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-14+14A]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Hemorrhage	Mild
[Hemorrhage TGLS = 2-9A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915064

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 570

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Esophagus		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 10-2A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Marked
[Hydronephrosis TGLS = 4-4]			
* Liver		Fibrosis	Minimal
		Hepatodiaphragmatic Nodule	
	Centrilobular	Necrosis	Minimal
		Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 8-6B]			
Lymph Node	Mediastinal	Congestion	Minimal
	Renal	Congestion	Minimal
[Congestion TGLS = 6-15]			
[Congestion TGLS = 11-16]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-8]			
Mesentery		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 7,9-6A+6C]			
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 570

DOSE: 100 PPM

DISP: Moribund Sacrifice

HISTO: 915065

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 13-8A]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 12-14+14A]			
* Uterus		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 3-7A+7B+RT10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 682

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,9-6+6A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10+10A]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-8A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-3]		Metaplasia	Osseous, Mild
[Metaplasia TGLS = 7-3A]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 10-14A+14B]			
* Thymus		Fibrosis	Mild
[Fibrosis TGLS = 4-3+3A]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 682

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915066

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 1-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-6+6A]		
* Ovary	Bilateral	Cyst	Marked
	[Cyst TGLS = 1-7A]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-3]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[Basophilic Focus TGLS = 1-6+6A]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Mammary Gland		Hyperplasia	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
	[Vacuolization Cytoplasmic TGLS = 3-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Galactocele	Mild
		[Galactocele TGLS = 1-10A]	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 2-15]	
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
		[Hyperplasia TGLS = 4-8]	
* Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Cyst	Moderate
* Bone		Osteopetrosis	Minimal
* Brain		Hemorrhage	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 3-8]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-3A]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,5-3+3A]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 6-14]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
Lymph Node	Pancreatic	Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 4-8]			
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, 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

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-6A]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
		[Basophilic Focus TGLS = 5-6+6A]	
		[Vacuolization Cytoplasmic TGLS = 4-6+6A]	
* Mammary Gland		Fibroadenoma	Multiple
		[Fibroadenoma TGLS = 1,2-10A+10B]	
* Ovary		Cyst	Moderate
		[Cyst TGLS = 3-7A]	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Carcinoma	
		Inflammation	Acute, Mild
[Carcinoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 6-6]			
[Basophilic Focus TGLS = 5-6+6A]			
* Mammary Gland		Adenoma	
		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Uterus		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 642

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-6]			
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
* Nose	Nasolacrim Dct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 5-8]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-8]		
* Skin		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 1,2-10A]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Mild
[Hemorrhage TGLS = 4-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 5-14A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 721

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-6]		
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3]		
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 573

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-6]		
	Lymph Node	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-15]		
* Lymph Node, Mandibular		Ectasia	Mild
	[Ectasia TGLS = 2-9]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 3-7]		
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 7-8]		
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 8-3]		
	[Leukemia Mononuclear TGLS = 4-3]		
* Stomach, Glandular		Ulcer	Moderate
	[Ulcer TGLS = 9-14A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 318

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 707

HISTO: 914983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Osteopetrosis	Minimal
* Bone Marrow		Depletion Cellular	Marked
* Clitoral Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Mild
			[Ectasia TGLS = 2-10A]
			[Inflammation TGLS = 2-10A]
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Marked
			[Vacuolization Cytoplasmic TGLS = 6-6]
* Lymph Node, Mandibular		Necrosis	Mild
* Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
		Inflammation	Chronic Active, Marked
			[Adenoma TGLS = 1-10A]
			[Fibroadenoma TGLS = 3-10B,2-10C]
* Pituitary Gland	Pars Distalis	Cyst	Mild
			[Cyst TGLS = 8-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 318	TRT#: 6 DOSE: 200 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 707 HISTO: 914983
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Hyperkeratosis	Marked
* Spleen		Fibrosis	Marked
[Fibrosis TGLS = 4-3]			
* Stomach, Glandular		Ulcer	Marked
[Ulcer TGLS = 5-14]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 7-2]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 9-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Fibroadenoma	
* Mammary Gland [Fibroadenoma TGLS = 1-10A]			
* Pancreas		Atrophy	Mild
* Pituitary Gland [Adenoma TGLS = 2-8A]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 703

DOSE: 200 PPM

DISP: Natural Death

HISTO: 914985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Congestion	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914986

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	* Lung	* 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 TGLS = 1-10A]	Duct	Ectasia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver	Centrilobular	Basophilic Focus	
	Bile Duct	Cytomegaly	Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-6A]			
* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8A]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 323	TRT#: 6 DOSE: 200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 914988
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 4,5-6+6A]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* 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

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Hyperplasia	Lymphoid, Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 1-6]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* 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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Angiectasis TGLS = 3-6A]			
[Eosinophilic Focus TGLS = 2,3-6+6B]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A+10B+10C]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2,4-6+6A+6B]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 3-8]			
* Salivary Glands		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 549

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-16]			
[Leukemia Mononuclear TGLS = 9-18]			
[Leukemia Mononuclear TGLS = 10-19]			
[Leukemia Mononuclear TGLS = 7-17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-15]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 11-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327	TRT#: 6 DOSE: 200 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 549 HISTO: 914992
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen [Leukemia Mononuclear TGLS = 4-3+3A] [Necrosis TGLS = 5-3A]		Leukemia Mononuclear Necrosis	Moderate
* Thymus * Thyroid Gland	C Cell	Leukemia Mononuclear Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-6A]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Thymus		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Marked

[Angiectasis TGLS = 1-8A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Pancreas		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-8A]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Mineralization	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 2-6+6A]		
* Lung		Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
		Galactocele	Moderate
	[Fibroadenoma TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Angiectasis TGLS = 3-8]		
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Clear Cell Focus TGLS = 3-6A]			
* Lung		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-2A]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 914998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	[Clear Cell Focus TGLS = 4-6A]		
	[Hepatodiaphragmatic Nodule TGLS = 2-6A]		
* Lung	Alveolus, Bronchiole	Hyperplasia	Marked
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	[Hyperplasia TGLS = 3-8]		
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 665

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 914999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-1+1A]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	[Leukemia Mononuclear TGLS = 5,4,8-6+6A+6B]	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-9]		
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-3]		
* Stomach, Glandular		Erosion	Moderate
	[Erosion TGLS = 6-14+14A]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
	[Vacuolization Cytoplasmic TGLS = 1-6A]		
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-8A]		
* Stomach, Forestomach		Inflammation	Acute, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Eye		Hemorrhage	Mild
[Hemorrhage TGLS = 1-15]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Eosinophilic Focus	
[Clear Cell Focus TGLS = 5-6]		Hyperplasia	Minimal
[Vacuolization Cytoplasmic TGLS = 5-6A]		Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3,4-16+17]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 687

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Mild
Note: AGONAL CHANGE. [Necrosis TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 5-8A]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-14+14A]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Hyperplasia TGLS = 3-7C]			
[Polyp Stromal TGLS = 1,2-7A+7B]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Minimal
	Bile Duct	Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 3-6+6A]	Hyperplasia	Minimal
* Ovary		Cyst	Marked
	[Cyst TGLS = 1-7]		
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
	[Angiectasis TGLS = 4-8A]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-3]		
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 496

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Bone | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|---------------------------------------|---------------|----------------------|---------|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 9-6] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 10-15] | | | |
| [Leukemia Mononuclear TGLS = 6-17] | | | |
| [Leukemia Mononuclear TGLS = 11-3A] | | | |
| [Leukemia Mononuclear TGLS = 12-16] | | | |
| [Leukemia Mononuclear TGLS = 8-9A] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 13-9] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 7-8] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 496

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915004

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland	Duct	Dilatation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2,3-18+18A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-10]			
* Heart		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,9-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9,12-2+2A+3]			
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-16]			
[Leukemia Mononuclear TGLS = 7-17]			
[Leukemia Mononuclear TGLS = 4-15]			
[Leukemia Mononuclear TGLS = 11-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 6
DOSE: 200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 718
HISTO: 915005

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 2-10A]

* Nose	Inflammation	Chronic Active, Moderate
* Pancreas	Leukemia Mononuclear	
* Pituitary Gland	Leukemia Mononuclear	
* Salivary Glands	Leukemia Mononuclear	
* Spleen	Fibrosis	Minimal
	Leukemia Mononuclear	

[Fibrosis TGLS = 6-3B]

[Leukemia Mononuclear TGLS = 5-3]

* Stomach, Forestomach	Inflammation	Chronic Active, Marked
* Thymus	Leukemia Mononuclear	
* Urinary Bladder	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Depletion Cellular	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 5-10]			
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8A]			
* Skin		Hyperkeratosis	Marked
		Hyperplasia	Squamous, Marked
[Hyperplasia TGLS = 1-10A]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear Necrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 14-5A]			
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal
[Leukemia Mononuclear TGLS = 11-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac Mediastinal Pancreatic Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-15]			
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 7-16]			
[Leukemia Mononuclear TGLS = 4-18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-8]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 3,2-10A+10B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 342	TRT#: 6 DOSE: 200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 915007
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
		Hyperplasia	Marked
	[Angiectasis TGLS = 12-8A]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9,13-3+3A]		
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 15-14A]		
* Stomach, Glandular		Erosion	Moderate
	[Erosion TGLS = 15-14+14A]		
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-15]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Moderate
[Dilatation TGLS = 1-10A]			
* Pancreas		Atrophy	Minimal
		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLS = 5-8]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915008

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Developmental Malformation

[Developmental Malformation TGLS = 2-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteopetrosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 3-3+3.1]			
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 2-8]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 707

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Minimal
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-10A]			
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Minimal
		Pigmentation	Moderate
* Liver	Centrilobular	Degeneration	Minimal
		Pigmentation	Moderate
[Degeneration TGLS = 2-6]			
* Lung		Inflammation	Chronic, Minimal
[Inflammation TGLS = 3-2+2A+3+3.1]			
* Nose		Inflammation	Chronic Active, Mild
* Ovary		Pigmentation	Mild
* Pancreas		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular		Erosion	Marked
		Ulcer	Mild
[Erosion TGLS = 4-14+14A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Ovary	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Mild
[Thrombosis TGLS = 11-13]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3B]			
[Leukemia Mononuclear TGLS = 6-9A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10+10A]			
Mesentery		Ectopic Spleen	
[Ectopic Spleen TGLS = 5-3A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915011

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 10-8+8A]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-3+3A]

* Stomach, Forestomach

Ulcer

Moderate

[Ulcer TGLS = 14-14B]

* Stomach, Glandular

Erosion

Moderate

[Erosion TGLS = 13-14+14A]

* Thymus

Leukemia Mononuclear

* Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteopetrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 6-6+6A]		
* Lymph Node, Mandibular		Ectasia	Minimal
	[Ectasia TGLS = 2-9]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-7]		
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	[Adenoma TGLS = 5-8]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 4-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 521

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,9,11-6+6A+6B]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Mammary Gland	Duct	Dilatation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 349

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 915014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-9A(RE)]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-10A+10B+10C]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 7-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 350

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 711

HISTO: 915015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Atrophy	Marked
* Bone		Osteopetrosis	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-6+6A]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-3]		
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	[Angiectasis TGLS = 2-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3]		
* Stomach, Forestomach		Fibrosis	Mild
	[Fibrosis TGLS = 6-14]		
* Stomach, Glandular		Erosion	Minimal
	[Erosion TGLS = 7-14]		
* Thymus		Leukemia Mononuclear	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Congestion	Moderate
	Renal	Congestion	Mild
	[Congestion TGLS = 9-3+3.1]		
	[Congestion TGLS = 3-15]		
* Lymph Node, Mesenteric		Congestion	Mild
	[Congestion TGLS = 2-8]		
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked
	[Leukemia Mononuclear TGLS = 6,7-3+3A]		
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 10-14A]		
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6
DOSE: 200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 605
HISTO: 915016

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 11-14+14A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Developmental Malformation	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Developmental Malformation TGLS = 2-6A]			
[Eosinophilic Focus TGLS = 4-6+6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-8]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 561

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
[Mineralization TGLS = 3-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Congestion	Mild
[Congestion TGLS = 5-3A]			
* Lymph Node, Mesenteric		Congestion	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 354

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 624

HISTO: 915019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Liver		Congestion	Mild
		Hemorrhage	Moderate
		Pigmentation	Marked
		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 5-6]			
Lymph Node	Mediastinal	Congestion	Moderate
	Pancreatic	Congestion	Moderate
[Congestion TGLS = 6-3A]			
[Congestion TGLS = 4-9A]			
* Lymph Node, Mandibular		Congestion	Mild
[Congestion TGLS = 1-9]			
* Lymph Node, Mesenteric		Congestion	Mild
[Congestion TGLS = 2-8]			
* Nose		Inflammation	Chronic Active, Marked
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 7-8]			
* Spleen		Congestion	Moderate
[Congestion TGLS = 3-3]			
* Stomach, Forestomach		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 354

TRT#: 6
DOSE: 200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 624
HISTO: 915019

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 9-14B]
* Stomach, Glandular
[Erosion TGLS = 8-14A]

Erosion

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteopetrosis	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Duct	Dilatation	Minimal
		Fibroadenoma	Multiple
		[Dilatation TGLS = 5-10]	
		[Fibroadenoma TGLS = 1,2-10A+10B]	
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Cervix	Hypertrophy	Marked
		Polyp Stromal	
		[Hypertrophy TGLS = 4-7A]	
		[Polyp Stromal TGLS = 3-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 671

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Congestion	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
	[Angiectasis TGLS = 3-6A]		
	[Eosinophilic Focus TGLS = 3,4-6A+6B]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 357

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 699

HISTO: 9150222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
	[Leukemia Mononuclear TGLS = 7-6]	Leukemia Mononuclear	
* Lung		Carcinoma	Metastatic (Mammary Gland)
	[Carcinoma TGLS = 9-2A]		
Lymph Node	Iliac	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-15]		
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 1,2,3-10+10A+10B+10C]		
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Granulosa-Theca Tumor Malignant	
	[Granulosa-Theca Tumor Malignant TGLS = 4-7A]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 8-8]		
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
	[Inflammation TGLS = 10-14A]	Inflammation	Chronic, Mild
* Thymus		Leukemia Mononuclear	
* Uterus		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 357

TRT#: 6

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 699

HISTO: 9150222

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 5-7]

Metaplasia

Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* 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			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4,6-6+6B]			
* Mammary Gland	Duct	Dilatation	Marked
		Hyperplasia	Mild
[Dilatation TGLS = 1-10A]			
[Hyperplasia TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 580

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3A]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
* Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-5A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-14A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 2-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Eosinophilic Focus TGLS = 1-6A]			
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Tongue	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone	Osteopetrosis	Mild
* Heart	Cardiomyopathy	Mild
* Liver	Congestion	Moderate
[Congestion TGLS = 2-6]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2A]	Inflammation	Chronic, Minimal
* Nose	Congestion	Moderate
* Spleen	Congestion	Marked
[Congestion TGLS = 1-3]		
* Thymus	Congestion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 586

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2,4-6+15]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MASS ON DIAPHRAGM IS LIVER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Adenoma	
	Bilateral	Inflammation	Acute, Marked
[Adenoma TGLS = 1-10A]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Minimal
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland	Duct	Ectasia	Moderate
		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-6A]			
[Hepatocellular Adenoma TGLS = 4-6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 5-8.1]			
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 366

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 914931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 4-6B]		
	[Mixed Cell Focus TGLS = 2-6A+6B]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-8]		
* Uterus		Hyperplasia	Cystic, Marked
		Inflammation	Acute, Marked
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 511

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6+6A]		
* Lung			
	Note: ARTIFACT, MILD.		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-15]		
	[Leukemia Mononuclear TGLS = 3-3A]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3]		
* Stomach, Glandular		Erosion	Minimal
	[Erosion TGLS = 5-14+14A]		
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367

TRT#: 8
DOSE: 400 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 511
HISTO: 914932

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Ultimobranchial Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 616

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Mixed Cell Focus TGLS = 3-6A]		
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
	[Cyst TGLS = 1-7]		
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 673

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 2-6A]			
[Vacuolization Cytoplasmic TGLS = 1-6+6A+6B+6B.1]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-15]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 8-6A]		
	[Leukemia Mononuclear TGLS = 6,7-6+6A+6B]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 11-2+2A+3]		
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 12-3A]		
	[Leukemia Mononuclear TGLS = 10-17]		
	[Leukemia Mononuclear TGLS = 9-16]		
	[Leukemia Mononuclear TGLS = 4-9A]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8]		
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914935

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-10A]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-15]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 13-8]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 14-3B]			
[Leukemia Mononuclear TGLS = 5-3B]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1,3-6+6A]			
* Lung		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Uterus		Dilatation	Moderate
[Dilatation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 503

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* 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	

OBSERVATIONS

* Brain		Hemorrhage	Marked
[Hemorrhage TGLS = 1-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
* Liver		Congestion	Mild
[Congestion TGLS = 2-6A]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Brain		Hemorrhage	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Clear Cell Focus TGLS = 2-6A]		
* Lung		Inflammation	Chronic, Moderate
	[Inflammation TGLS = 3,4-2A]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* 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			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Congestion	Mild
* Uterus	Dilatation	Mild

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-2+2A+3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Pancreas		Ectopic Liver	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-10A]			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 4-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 2-6+6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3,4-6+6A]			
[Vacuolization Cytoplasmic TGLS = 3-6B]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 589

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Acute, Moderate
[Inflammation TGLS = 6-4A]			
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 2,4-6+6A]		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Edema	Marked
* Lymph Node, Mesenteric		Inflammation	Acute, Moderate
* Mammary Gland		Fibroadenoma	
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 5-8A]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
Eye		Hemorrhage	Mild
[Hemorrhage TGLS = 1-15]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Mild
[Hyperplasia TGLS = 2-7+16]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Eye [Hemorrhage TGLS = 1-15]		Hemorrhage	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver [Clear Cell Focus TGLS = 3-6]	Centrilobular	Clear Cell Focus	
		Cytomegaly	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland [Fibroadenoma TGLS = 2-10A]		Fibroadenoma	
Oral Mucosa [Hyperplasia TGLS = 5-12]	Pharyngeal	Hyperplasia	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland [Adenoma TGLS = 4-8]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 705

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 6-5A]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 8-6]		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-16]	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-8]			
* Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-15]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 10-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 381

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 705

HISTO: 914946

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear	
* Stomach, Glandular [Erosion TGLS = 11-14+14A]	Erosion	Marked
* Thymus	Leukemia Mononuclear	
* Uterus [Polyp Stromal TGLS = 2,3-7A+7B]	Polyp Stromal	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 608

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	[Leukemia Mononuclear TGLS = 2-6]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-2+3]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-16]		
	[Leukemia Mononuclear TGLS = 3-15]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3]		
* Thymus		Leukemia Mononuclear	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Cytomegaly	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4-6+6A]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Carcinoma	
Note: Carcinoma with squamous metaplasia.			
[Carcinoma TGLS = 2-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8A]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
[Eosinophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8A]			
* Salivary Glands		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-10A]			
* Heart		Cardiomyopathy	Minimal
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3,4-6+6A+6B]			
[Hepatodiaphragmatic Nodule TGLS = 5-6A]			
* Lung		Carcinoma	Metastatic (Clitoral Gland)
[Carcinoma TGLS = 6-2A]			
Lymph Node	Iliac	Ectasia	Mild
[Ectasia TGLS = 2-15]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 7-8A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914950

ORGAN AND ACCOUNTABLE SITE STATUS

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 2-6+6A]			
* Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Osteopetrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 3,4-6+6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-15]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 5-16]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Moderate
[Clear Cell Focus TGLS = 2-6+6A+6B]			
[Eosinophilic Focus TGLS = 2-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6A]			
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 5-8]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 711

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6+6A]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-8]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
[Fibrosis TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 711

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914955

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-3]

* Stomach, Forestomach

Epithelium

Hyperplasia

Squamous, Moderate

Ulcer

Moderate

[Hyperplasia TGLS = 10-14A]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 672

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
Lymph Node	Mediastinal	Congestion	Minimal
[Congestion TGLS = 6-3]			
* Mammary Gland		Fibroadenoma	
[Leukemia Mononuclear TGLS = 1-10]		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 2-3]			
* Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, 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 TGLS = 2-10]	Duct	Ectasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
	Centrilobular	Degeneration	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Clear Cell Focus TGLS = 1-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6,9-6+6A]		
* Lung		Inflammation	Chronic, Mild
	[Inflammation TGLS = 7-2A+3]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-15]		
	[Leukemia Mononuclear TGLS = 8-3]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
* Ovary	Bilateral	Cyst	Marked
	[Cyst TGLS = 2-7]		
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-3]		
* Thymus		Ectopic Parathyroid Gland	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 914958

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 380

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,7-1+1A]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2+2A+3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-16]			
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-15]			
* Nose		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Cytomegaly	Mild
		Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-10A]			
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Cyst	Minimal
* Pancreas		Atrophy	Minimal
		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 396

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 603

HISTO: 914961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-1]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2+3]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-17]			
[Leukemia Mononuclear TGLS = 10-15]			
[Leukemia Mononuclear TGLS = 5-16]			
[Leukemia Mononuclear TGLS = 4-18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-9]			
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914961

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-3]

* Stomach, Glandular

Erosion

Minimal

* Thymus

Leukemia Mononuclear

Tongue

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 11-19]

* Uterus

Cyst

Mild

[Cyst TGLS = 2-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 649

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 5-6B]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-15]			
* Nose		Inflammation	Chronic Active, Moderate
* Ovary	Bilateral	Cyst	Marked
[Cyst TGLS = 3,2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 625

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 9-2A]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1-10A+10B]		
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 10-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5,6,7-3+3A+3B+3C]		
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 11-14A]		
Vagina		Lipoma	
	[Lipoma TGLS = 3-7A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 628

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,8,9-6+6A]		
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-9A]		
	[Leukemia Mononuclear TGLS = 11-16]		
	[Leukemia Mononuclear TGLS = 12-3A]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-9]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-8]		
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-15]		
* Nose		Hemorrhage	Moderate
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 13-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 628

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914964

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 5,6-3+3B]	Leukemia Mononuclear
* Stomach, Glandular [Leukemia Mononuclear TGLS = 15-14A]	Leukemia Mononuclear
* Uterus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Cytomegaly	Mild
		Vacuolization Cytoplasmic	Minimal
[Cytomegaly TGLS = 3-6+6A]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-10A+10B]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 4-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 401

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 605

HISTO: 914966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|----------------------------|--------------------------|
| * Bone | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Skin | * Stomach, Forestomach | * Thyroid Gland | |

OBSERVATIONS

- | | | |
|---------------------------------------|-------------|----------------------|
| * Adrenal Cortex | | Leukemia Mononuclear |
| * Adrenal Medulla | | Leukemia Mononuclear |
| * Bone Marrow | | Leukemia Mononuclear |
| * Brain | | Leukemia Mononuclear |
| * Heart | | Leukemia Mononuclear |
| * Intestine Large, Colon | | Leukemia Mononuclear |
| [Leukemia Mononuclear TGLS = 10-5A] | | |
| * Intestine Small, Ileum | | Leukemia Mononuclear |
| * Kidney | | Leukemia Mononuclear |
| [Leukemia Mononuclear TGLS = 9-4] | | |
| * Liver | | Leukemia Mononuclear |
| [Leukemia Mononuclear TGLS = 8-6] | | |
| * Lung | | Leukemia Mononuclear |
| Lymph Node | Iliac | Leukemia Mononuclear |
| | Mediastinal | Leukemia Mononuclear |
| | Pancreatic | Leukemia Mononuclear |
| | Renal | Leukemia Mononuclear |
| [Leukemia Mononuclear TGLS = 12-3A] | | |
| [Leukemia Mononuclear TGLS = 3-9] | | |
| [Leukemia Mononuclear TGLS = 11-16] | | |
| [Leukemia Mononuclear TGLS = 6-15] | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear |
| [Leukemia Mononuclear TGLS = 2-8] | | |
| * Mammary Gland | | Fibroadenoma |
| | | Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 401

TRT#: 8

SEX: Female

DAY ON TEST: 605

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914966

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Leukemia Mononuclear
* Ovary	Leukemia Mononuclear
* Pancreas	Leukemia Mononuclear
* Parathyroid Gland	Leukemia Mononuclear
* Pituitary Gland	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 13-8]	
* Salivary Glands	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4,5-3]	
* Stomach, Glandular	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 14-14+14A]	
* Thymus	Leukemia Mononuclear
* Trachea	Leukemia Mononuclear
* Urinary Bladder	Leukemia Mononuclear
* Uterus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 402

TRT#: 8

DOSE: 400 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 687

HISTO: 914967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4,5-4+4A]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7,8-6+6A]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-15]			
[Leukemia Mononuclear TGLS = 10-3A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
[Inflammation TGLS = 3-14A]			
* Uterus	Cervix	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Osteopetrosis	Mild
* Bone Marrow		Depletion Cellular	Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 2,3-6+6A]		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-2A]			
Lymph Node	Mediastinal	Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Marked
[Erosion TGLS = 9-14+14A]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 404

TRT#: 8

SEX: Female

DAY ON TEST: 583

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Congestion	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-6]	
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-3A]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland	Duct	Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		[Hyperplasia TGLS = 6-8]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2,3-3B]	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 405

TRT#: 8

SEX: Female

DAY ON TEST: 692

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914970

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Liver		Eosinophilic Focus	
	Capsule	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 4-6A]		
	[Leukemia Mononuclear TGLS = 3-6+6A+6B]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
* Nose		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-3]		
* Uterus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 406

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Clear Cell Focus	
	Bile Duct	Degeneration	Minimal
		Hyperplasia	Minimal
		Mitotic Alteration	Mild
		Pigmentation	Mild
[Hyperplasia TGLS = 2-6]			
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas		Atrophy	Minimal
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Mild
[Hyperplasia TGLS = 3-15]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Necrosis	Marked
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* 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, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex [Cyst TGLS = 5-8]		Cyst	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland [Carcinoma TGLS = 1-10]		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Cytomegaly	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Minimal
Lymph Node [Ectasia TGLS = 7-16]	Iliac	Ectasia	Mild
* Mammary Gland	Duct	Dilatation	Mild
		Hyperplasia	Minimal
Mesentery [Necrosis TGLS = 2-15]	Fat	Necrosis	Mild
* Pituitary Gland [Adenoma TGLS = 8-8]	Pars Distalis	Adenoma	
* Salivary Glands		Cytoplasmic Alteration	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914972

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Atrophy

Mild

Hematopoietic Cell Proliferation

Moderate

[Atrophy TGLS = 4-3]

[Hematopoietic Cell Proliferation TGLS = 3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 408

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Vacuolization Cytoplasmic	Minimal
[Adenoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3-6+6A]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-8]			
Tongue	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 409

TRT#: 8

SEX: Female

DAY ON TEST: 641

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Mammary Gland	Duct	Dilatation	Minimal
		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-15]			
* Nose		Leukemia Mononuclear	
* Pancreas		Ectopic Liver	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 7-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 4-14A]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 8-14+14A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 409

TRT#: 8

SEX: Female

DAY ON TEST: 641

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914974

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 410

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland	Duct	Ectasia	Moderate
		Hyperplasia	Moderate
	[Ectasia TGLS = 1-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6+6A]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Ectasia	Minimal
	[Ectasia TGLS = 5-15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 2-10A]		
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 7-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-3]		
* Stomach, Glandular		Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 410

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914975

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 411

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* 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		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Cytomegaly TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 1-6+6A]			
[Vacuolization Cytoplasmic TGLS = 1-6+6A]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-3]			
* Mammary Gland		Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 413

TRT#: 8

SEX: Female

DAY ON TEST: 584

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mandibular	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Intestine Large, Cecum		Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5A]			
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
	Capsule	Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
		Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 8-6A]			
[Inflammation TGLS = 9-6A]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Inflammation	Chronic, Moderate
Mesentery		Inflammation	Moderate
	Fat	Necrosis	Mild
[Inflammation TGLS = 6-15]			
* Nose		Inflammation	Chronic Active, Mild
* Ovary		Inflammation	Chronic, Moderate
* Pancreas		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLS = 7-8]			
* Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-10A]			
* Spleen	Capsule	Inflammation	Chronic, Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 413	TRT#: 8 DOSE: 400 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 584 HISTO: 914978
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Inflammation TGLS = 5-14+14A]	Inflammation Ulcer	Chronic, Marked Moderate
* Stomach, Glandular [Inflammation TGLS = 5-14+14A]	Inflammation	Chronic, Marked
* Thymus	Inflammation	Chronic, Mild
* Urinary Bladder	Inflammation	Chronic, Mild
* Uterus [Inflammation TGLS = 4-7A]	Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: ANIMAL HAD CHRONIC PERITONITIS, RESULTING IN CHRONIC INFLAMMATION AT SEROSAL SUR FACE OF MOST ABDOMINAL ORGANS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 414

TRT#: 8

SEX: Female

DAY ON TEST: 636

DOSE: 400 PPM

DISP: Natural Death

HISTO: 914979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-6]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-2+2A+3]		
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-15]		
	[Leukemia Mononuclear TGLS = 4-8+9]		
	[Leukemia Mononuclear TGLS = 11-3A]		
	[Leukemia Mononuclear TGLS = 6-16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-9A]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-8]		
* Ovary		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyridine
CAS Number: 110-86-1

Date Report Requested: 10/15/2014
Time Report Requested: 22:34:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 414	TRT#: 8 DOSE: 400 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 636 HISTO: 914979
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 10-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-3]		
* Thymus		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-3A]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/15/2014

Time Report Requested: 22:34:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 415

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 914980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 3-15]			

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE