

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C55301B
Lock Date: 12/13/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: 10/15/1997

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CAS Number: 110-86-1

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 589
	DOSE: 0 PPM	DISP: Natural Death	HISTO: 915096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Congestion	Mild
		Nephropathy	Minimal
* Liver		Congestion	Moderate
[Congestion TGLS = 2-6]			
Lymph Node	Inguinal	Atrophy	Mild
	Mediastinal	Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 6-9]			
* Nose		Inflammation	Acute, Minimal
		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-16]			
* Pancreas	Acinus	Adenoma	Multiple
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Acute, Mild
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Lab: TSI MASON

ANIMAL ID: 1

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 589
HISTO: 915096

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915097
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Congestion	Moderate
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Iliac	Ectasia	Moderate
[Ectasia TGLS = 3-16]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas		Hyperplasia	Marked
Note: PANCREATIC NODULE ON SLIDE #5.			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Mild
* Prostate		Adenoma	
		Hemorrhage	Moderate
		Hyperplasia	Mild
[Hemorrhage TGLS = 2-14]			
* Skin	Subcut Tiss	Fibroma	
		Ulcer	Marked
[Fibroma TGLS = 1-10A]			

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915097
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 4-17]			
* Spleen		Necrosis	Minimal
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH	-
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 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 557 HISTO: 915098
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 3-13]	Aorta	Mineralization	Moderate
* Bone	Cranium	Fibrous Osteodystrophy Fibrous Osteodystrophy	Moderate Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Minimal
	Artery	Cyst	Mild
		Mineralization	Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 5-4A] [Nephropathy TGLS = 2-4]			
* Liver	Bile Duct	Hyperplasia Pigmentation	Minimal Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolus	Mineralization	Minimal
	Artery	Mineralization	Minimal
	Bronchus	Mineralization	Minimal
[Infiltration Cellular TGLS = 7-2]			
* Mammary Gland		Hyperplasia	Minimal
	Artery	Mineralization	Minimal

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First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 557 HISTO: 915098
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Mild
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate
* Prostate		Inflammation	Acute, Minimal
* Spleen [Atrophy TGLS = 6-3]	Artery	Atrophy Mineralization	Moderate Minimal
* Stomach, Glandular [Mineralization TGLS = 1-15+15A]		Erosion Mineralization	Mild Moderate
* Testes	Artery	Atrophy Inflammation Mineralization	Mild Mild Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915099
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 2-6+6A]			
Lymph Node	Mediastinal	Ectasia	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-10A]			
* Thymus		Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915099
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-3A] * Thyroid Gland	C Cell	Adenoma
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 654 HISTO: 915100
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Congestion	Mild
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Congestion	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
[Clear Cell Focus TGLS = 6-6B]			
[Eosinophilic Focus TGLS = 2-6B]			
[Hepatocellular Adenoma TGLS = 1-6A]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-2]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
Oral Mucosa		Inflammation	Suppurative, Minimal
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 654
	DOSE: 0 PPM	DISP: Natural Death	HISTO: 915100

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 915101
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Cyst TGLS = 2-4+4A]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lymph Node, Mandibular		Ectasia	Mild
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-8]			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Acute, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Atrophy	Marked
		Thymoma Benign	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 676 HISTO: 915102
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Coagulating Gland	* 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	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Sinusoid	Congestion	Mild
		Vacuolization Cytoplasmic	Minimal
[Congestion TGLS = 6-6A]			
[Vacuolization Cytoplasmic TGLS = 7-6+6A]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 915103
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-8]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
		Nephropathy	Marked
[Cyst TGLS = 4-4+4A]			
[Hydronephrosis TGLS = 6-4]			
[Nephropathy TGLS = 5-4+4A]			
* Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Inguinal	Ectasia	Mild
	Mediastinal	Ectasia	Mild
	Pancreatic	Ectasia	Marked
	Renal	Ectasia	Marked
[Ectasia TGLS = 2-9A]			
[Ectasia TGLS = 7-16]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
Oral Mucosa		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
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Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 915103
ORGAN AND ACCOUNTABLE SITE STATUS			
	Acinus	Carcinoma	
	Artery	Hyperplasia Inflammation	Moderate Moderate
	[Adenoma TGLS = 1-9A+9B] [Carcinoma TGLS = 1-9B] [Inflammation TGLS = 1-5+9A]		
* Pituitary Gland	Pars Distalis	Adenoma Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
	[Cyst TGLS = 8-10]		
* Prostate		Inflammation	Acute, Minimal
* Testes		Atrophy	Marked
	Artery	Inflammation	Mild
* Thymus		Ectopic Parathyroid Gland	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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CAS Number: 110-86-1

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 915104
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* 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

* Adrenal Medulla [Pheochromocytoma Benign TGLS = 1-9]		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum [Carcinoma TGLS = 3-5A]		Carcinoma	
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
* Lung		Inflammation	Chronic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas		Basophilic Focus	
* Pituitary Gland		Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
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Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915105
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 2-6+6A]			
[Vacuolization Cytoplasmic TGLS = 2-6A]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Prostate		Hyperplasia	Minimal
* Testes	Artery	Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 915106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	Coagulating Gland
* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 1-4]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose		Foreign Body	
	Olfactory Epi	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7+7A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915107
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	Harderian Gland
* 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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-9A]			
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Granulomatous, Minimal
[Inflammation TGLS = 4-2+2A+3]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-9B]			
* Nose		Cyst	Mild
		Erosion	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	Multiple
[Adenoma TGLS = 2-9+9A]		Hyperplasia	Moderate
Peripheral Nerve		Degeneration	Mild
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915107

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 468 HISTO: 915108
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	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, Mandibular	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type. [Nephropathy TGLS = 1-4]			
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 5-6]			
Lymph Node	Renal	Ectasia	Marked
	Renal	Hemorrhage	Moderate
[Ectasia TGLS = 2-17] [Hemorrhage TGLS = 2-17]			
* Mammary Gland	Duct	Dilatation	Minimal
Mesentery	Artery	Inflammation	Marked
[Inflammation TGLS = 4-9+9A]			
* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Preputial Gland	Duct	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 468
HISTO: 915108

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate
* Stomach, Forestomach

* Testes

Artery

Inflammation
Inflammation
Hyperplasia
Ulcer
Atrophy
Inflammation

Suppurative, Moderate
Chronic Active, Minimal
Squamous, Moderate
Chronic, Marked
Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 14 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 601
DOSE: 0 PPM **DISP:** Natural Death **HISTO:** 915109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Lung
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas			

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Marked
		Mineralization	Marked
	[Mineralization TGLS = 6-13+13A]		
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
	Cranium	Osteoma	
	[Osteoma TGLS = 5-18]		
* Heart		Cardiomyopathy	Marked
		Mineralization	Mild
* Kidney	Artery	Mineralization	Mild
		Mineralization	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 2-4]		
* Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Congestion	Mild
	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Mild
	[Ectasia TGLS = 3-17]		
* Mammary Gland	Duct	Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 601 HISTO: 915109
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Artery	Mineralization	Mild
	Artery	Inflammation	Moderate
		Mineralization	Mild
[Inflammation TGLS = 1-16]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-2]			
* Preputial Gland	Duct	Cyst	Minimal
* Salivary Glands	Artery	Mineralization	Moderate
* Spleen		Atrophy	Mild
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 7-15+15A]			
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 915110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
	[Cyst TGLS = 5-4]		
	[Nephropathy TGLS = 2-4]		
* Liver		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLS = 4-2A]		
* Lymph Node, Mandibular		Ectasia	Minimal
* Nose	Respirat Epith	Foreign Body	
		Hyperplasia	Minimal
		Inflammation	Acute, Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLS = 7-8]		
* Preputial Gland	Duct	Cyst	Minimal
		Inflammation	Suppurative, Marked
* Prostate		Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 722
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 915110

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 1-10A]

[Keratoacanthoma TGLS = 3-10B]

* Testes	Artery	Inflammation	Moderate
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915111
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Marked
[Adenoma TGLS = 2-9A]			
* Pituitary Gland		Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Prostate		Adenoma	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 3-10A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 915112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Congestion	Moderate
	Bile Duct	Hyperplasia	Minimal
[Congestion TGLS = 6-6+6A]			
* Lymph Node, Mesenteric		Ectasia	Minimal
* Nose		Hemorrhage	Moderate
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	
[Adenoma TGLS = 3-9]		Hyperplasia	Marked
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Preputial Gland	Duct	Adenoma	
[Adenoma TGLS = 1-10]		Cyst	Marked
Skeletal Muscle		Lipoma	
[Lipoma TGLS = 5-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915112

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin
[Cyst TGLS = 2-10A]

Cyst

Mild

* Spleen
[Congestion TGLS = 4-3]

Congestion
Leukemia Mononuclear

Moderate

* Testes

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915113
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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
* 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	

MISSING

Coagulating Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
[Clear Cell Focus TGLS = 3-6+6A]			
[Hepatocellular Adenoma TGLS = 3-6A]			
* Pancreas	Acinus	Carcinoma	Multiple
		Hyperplasia	Marked
[Carcinoma TGLS = 4-5+9A]			
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-10]			
* Skin		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-10A]			
* Testes	Artery	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 717
	DOSE: 0 PPM	DISP: Natural Death	HISTO: 915114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Lymph Node, Mandibular	* Mammary Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Mild
[Accessory Adrenal Cortical Nodule TGLS = 2-8]			
Blood Vessel	Aorta	Mineralization	Mild
	Pulmn Artery	Mineralization	Moderate
[Mineralization TGLS = 9-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Marked
	Artery	Mineralization	Mild
		Mineralization	Minimal
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 10-13]			
* Islets, Pancreatic		Adenoma	
* Kidney	Artery	Mineralization	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 3-4+4A]			
* Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 717 HISTO: 915114
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 5-6]			
* Lung	Interstitial	Fibrosis	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Lymph Node	Iliac	Ectasia	Moderate
	Renal	Ectasia	Moderate
		Ectasia	Mild
	Iliac	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Marked
	Pancreatic	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
		Hemorrhage	Mild
[Ectasia TGLS = 12-16]			
[Ectasia TGLS = 6-17]			
[Ectasia TGLS = 7-18]			
[Hemorrhage TGLS = 8-19]			
[Hemorrhage TGLS = 1-20]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Mesentery	Artery	Inflammation	Mild
	Artery	Mineralization	Mild
[Inflammation TGLS = 1-20]			
* Nose		Hemorrhage	Moderate
* Pancreas	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 11-2]			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Mild
	Artery	Mineralization	Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 13-10A]			
* Stomach, Glandular		Mineralization	Mild
* Testes		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 717 HISTO: 915114
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus	Artery	Inflammation Atrophy Ectopic Parathyroid Gland	Marked Marked Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915115
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Minimal
[Hemorrhage TGLS = 5-8]			
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver		Angiectasis	Mild
		Cholangiocarcinoma	
		Degeneration	Cystic, Mild
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 8-6A]			
[Cholangiocarcinoma TGLS = 9-6B]			
[Eosinophilic Focus TGLS = 7,8-6+6A+6B]			
Lymph Node	Renal	Ectasia	Moderate
		Ectasia	Mild
		Hemorrhage	Moderate
		Hyperplasia	Plasma Cell, Moderate
[Ectasia TGLS = 10-16]			
[Hyperplasia TGLS = 11-17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915115
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland [Fibroadenoma TGLS = 2-10B]		Fibroadenoma	
* Nose	Respirat Epith	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Pancreas	Acinus	Adenoma Hyperplasia	Marked
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst Hyperplasia	Mild Mild
* Preputial Gland	Duct	Cyst	Mild
* Skin [Fibroma TGLS = 1-10A] [Keratoacanthoma TGLS = 3-10C]	Subcut Tiss	Fibroma Keratoacanthoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 707 HISTO: 915116
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Intestine Large, Cecum	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Thyroid Gland		

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Spleen
* Urinary Bladder			

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Marked
* Liver		Congestion	Marked
	Centrilobular	Fibrosis	Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
* Lung	Interstitial	Fibrosis	Mild
		Necrosis	Marked
		[Necrosis TGLS = 5-3]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
Mesentery	Artery	Inflammation	Marked
		[Inflammation TGLS = 2,3-6A+16]	
* Nose		Foreign Body	
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 707 HISTO: 915116
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 1-7]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915117
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Thrombosis	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Moderate
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
[Congestion TGLS = 1-6+6A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Ectasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 644 HISTO: 915118
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Mammary Gland
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Seminal Vesicle
* Stomach, Glandular			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Mild
* Intestine Large, Rectum		Hemorrhage	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 1-4]			
* Liver		Congestion	Marked
	Centrilobular	Necrosis	Moderate
		Vacuolization Cytoplasmic	Mild
[Congestion TGLS = 3-6]			
* Lung	Interstitium	Fibrosis	Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Marked
[Hemorrhage TGLS = 5-16]			
* Lymph Node, Mandibular		Hemorrhage	Marked
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Skin	Subcut Tiss	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 644
HISTO: 915118

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 6-10A]

* Testes	Atrophy	Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 616
HISTO: 915119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Marked
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 5-13]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 7-4]			
* Liver		Congestion	Moderate
		Hemorrhage	Moderate
	Centrilobular	Necrosis	Moderate
[Congestion TGLS = 3-6+6A]			
[Hemorrhage TGLS = 3-6+6A]			
Lymph Node	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 4-3A]			
[Ectasia TGLS = 6-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 616 HISTO: 915119
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose		Foreign Body	
		Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
		Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Mild
* Testes		Atrophy	Marked
[Atrophy TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 25 TRT#: 1 SEX: Male DAY ON TEST: 705
 DOSE: 0 PPM DISP: Natural Death HISTO: 915120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hypertrophy	Mild
* Brain		Hemangioma	
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Cyst TGLS = 7-4]			
[Nephropathy TGLS = 5-4]			
* Liver		Congestion	Marked
[Congestion TGLS = 2-6]			
Lymph Node	Renal	Ectasia	Moderate
[Ectasia TGLS = 3-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-9]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pancreas		Necrosis	Minimal
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Testes	Artery	Inflammation	Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 705 HISTO: 915120
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland [Carcinoma TGLS = 4-2]	Follicular Cel	Carcinoma
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 701 HISTO: 915121
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Mild
* Epididymis	Arteriole	Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Hemorrhage	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Hydronephrosis	Minimal
		Nephropathy	Marked
		[Hydronephrosis TGLS = 15-4]	
		[Nephropathy TGLS = 5-4]	
* Liver		Angiectasis	Minimal
		Congestion	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
		[Hepatodiaphragmatic Nodule TGLS = 6-6A]	
		[Necrosis TGLS = 7-6B]	
		[Vacuolization Cytoplasmic TGLS = 7-6B]	
* Lung		Inflammation	Granulomatous, Minimal
Lymph Node	Renal	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 701 HISTO: 915121
ORGAN AND ACCOUNTABLE SITE STATUS			
	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Moderate
	Renal	Hemorrhage	Moderate
	[Ectasia TGLS = 8-16]		
	[Hemorrhage TGLS = 10-3]		
* Lymph Node, Mesenteric		Hemorrhage	Marked
	[Hemorrhage TGLS = 3-8]		
Mesentery	Artery	Mineralization	Mild
Oral Mucosa		Inflammation	Suppurative, Mild
* Pancreas		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Marked
	[Hyperplasia TGLS = 11-2]		
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Marked
	[Hyperplasia TGLS = 12-8]		
* Preputial Gland	Duct	Cyst	Mild
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 1-10B]		
* Stomach, Glandular		Erosion	Mild
		Mineralization	Moderate
	[Erosion TGLS = 13-15+15A]		
* Testes		Atrophy	Mild
	Artery	Inflammation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 660

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Respirat Epith	Foreign Body	
		Hyperplasia	Moderate
		Inflammation	Acute, Mild
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 3-15A]			
* Testes		Mineralization	Minimal
* Thymus		Atrophy	Marked
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-16+16A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 598

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
			[Hydronephrosis TGLS = 7-4]
			[Nephropathy TGLS = 2-4]
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
			[Necrosis TGLS = 3-6+6A]
* Lung		Inflammation	Acute, Moderate
			[Inflammation TGLS = 5-2+3]
* Lymph Node, Mandibular		Ectasia	Mild
			[Ectasia TGLS = 1-9]
* Nose		Foreign Body	
		Inflammation	Acute, Moderate
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
			[Cyst TGLS = 6-10]
* Skin		Keratoacanthoma	
			[Keratoacanthoma TGLS = 4-10A]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 598 HISTO: 915123
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Angiectasis	Moderate
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915124
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Marked
	Endocardium	Schwannoma Benign	
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Mild
		Hydronephrosis	Minimal
		Nephropathy	Marked
[Cyst TGLS = 2-4B]			
[Hydronephrosis TGLS = 3-4]			
[Nephropathy TGLS = 1-4+4A+4B]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Marked
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes		Atrophy	Marked
	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915124

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO: 915125
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Hydronephrosis	Mild
		Nephropathy	Marked
[Cyst TGLS = 5-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Acute, Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Minimal
* Lung	Bronchus	Inflammation	Acute, Marked
* Lymph Node, Mandibular		Ectasia	Minimal
* Pancreas	Acinus	Hyperplasia	Moderate
		Hyperplasia	Marked
	Artery	Inflammation	Marked

Note: PANCREATIC TUMOR ON SLIDE 5.
[Inflammation TGLS = 1-9A]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO: 915125
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Testes	Artery	Atrophy Inflammation	Minimal Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 576 HISTO: 915126
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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	* Lymph Node, Mesenteric	* Mammary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Coagulating Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Moderate
[Mineralization TGLS = 9-13+18]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
* Kidney	Renal Tubule	Adenoma	Multiple
		Cyst	Moderate
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Moderate
	Artery	Mineralization	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Adenoma TGLS = 7-4A,4B]			
[Cyst TGLS = 5,6-4A+4B]			
[Hydronephrosis TGLS = 13-4]			
[Nephropathy TGLS = 4-4+4A+4B]			
* Liver		Congestion	Mild
Lymph Node	Iliac	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 576 HISTO: 915126
ORGAN AND ACCOUNTABLE SITE STATUS			
	Mediastinal	Ectasia	Minimal
	Renal	Ectasia	Marked
	[Ectasia TGLS = 12-16]		
	[Ectasia TGLS = 11-17]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Artery	Mineralization	Moderate
* Parathyroid Gland		Hyperplasia	Marked
	[Hyperplasia TGLS = 10-2]		
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-19]		
* Stomach, Forestomach		Mineralization	Marked
	[Mineralization TGLS = 3-15A]		
* Stomach, Glandular		Mineralization	Marked
	[Mineralization TGLS = 3-15+15B]		
* Testes	Artery	Inflammation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Blood Vessel	Aorta	Mineralization	Mild
		Mineralization	Mild
		[Mineralization TGLS = 4-13+16]	
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Marked
		[Cyst TGLS = 6-4+4A]	
		[Nephropathy TGLS = 1-4+4A]	
* Liver		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Minimal
		[Vacuolization Cytoplasmic TGLS = 2-6]	
* Lung	Interstitium	Fibrosis	Mild
		Hemorrhage	Mild
Lymph Node	Renal	Ectasia	Mild
	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 618 HISTO: 915127
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 3-17]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas		Hyperplasia	Marked
Note: PANCREATIC LESION IS ON SLIDE 5.			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 5-2]			
* Preputial Gland	Duct	Cyst	Marked
* Stomach, Forestomach		Mineralization	Mild
[Mineralization TGLS = 7-15A]			
* Stomach, Glandular		Mineralization	Minimal
[Mineralization TGLS = 7-15+15A]			
* Testes		Atrophy	Minimal
	Artery	Inflammation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915128
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Moderate
	[Thrombosis TGLS = 6-13A]		
* Intestine Large, Cecum		Carcinoma	
	[Carcinoma TGLS = 7-5A]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
	[Hydronephrosis TGLS = 3-4]	Nephropathy	Moderate
	[Nephropathy TGLS = 2-4]		
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 4-6+6A]		
* Lymph Node, Mesenteric		Ectasia	Marked
	[Ectasia TGLS = 1-8A]		
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915128

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland

Duct

Cyst
Inflammation
Adenoma

Mild
Suppurative, Mild

* Prostate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 915129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Mild
		Lipoma	
		Nephropathy	Moderate
<p>Note: Hyperplasia, mild is cystic type. [Cyst TGLS = 1-4A] [Hydronephrosis TGLS = 2-4]</p>			
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Minimal
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
<p>[Degeneration TGLS = 3,4-6+6A+6B]</p>			
* Pancreas	Acinus	Adenoma	
		Hyperplasia	Moderate
<p>Note: PANCREATIC LESION IS ON SLIDE 5.</p>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915129
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 5-8]	Pars Distalis	Adenoma	Multiple
* Preputial Gland	Duct	Cyst	Moderate
* Testes	Interstit Cell Artery	Hyperplasia Inflammation	Minimal Minimal
* Thyroid Gland Tooth	Follicular Cel Peridont Tiss	Carcinoma Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 695 HISTO: 915130
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Seminal Vesicle	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Marked
[Mineralization TGLS = 7-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Marked
		Mineralization	Moderate
* Kidney		Hydronephrosis	Minimal
		Mineralization	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 9-4]			
[Mineralization TGLS = 10-4]			
[Nephropathy TGLS = 4-4]			
* Liver		Angiectasis	Mild
		Congestion	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 11-6A]			
[Congestion TGLS = 11-6A]			
[Vacuolization Cytoplasmic TGLS = 6-6+6A]			
* Lung	Artery	Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 695 HISTO: 915130
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node	Renal	Ectasia	Marked
	Renal	Hemorrhage	Marked
[Ectasia TGLS = 5-17]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland	Artery	Mineralization	Minimal
Mesentery	Artery	Inflammation	Marked
[Inflammation TGLS = 2-16]			
* Nose		Inflammation	Acute, Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 8-2]			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands	Artery	Mineralization	Mild
* Stomach, Forestomach		Erosion	Moderate
		Hyperplasia	Squamous, Minimal
		Mineralization	Minimal
[Mineralization TGLS = 3-15A]			
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 3-15+15A]			
* Testes		Atrophy	Mild
	Artery	Inflammation	Marked
* Thymus		Atrophy	Marked
		Cyst	Marked
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 283 HISTO: 915131
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Islets, Pancreatic	* Liver	* Lung	Lymph Node
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Stomach, Forestomach

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Congestion	Moderate
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-9A]			
* Preputial Gland	Duct	Cyst	Minimal
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915132
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	Coagulating Gland	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Hydrocephalus	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type. [Hydronephrosis TGLS = 9-4] [Nephropathy TGLS = 4-4]			
* Liver	Hepatocyte	Atrophy	Minimal
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Atrophy TGLS = 10-6A] [Necrosis TGLS = 10-6A]			
Lymph Node	Iliac	Ectasia	Marked
	Renal	Ectasia	Marked
Note: ONE ILIAC LYMPH NODE ON SLIDE 14.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915132
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 5-17]			
[Ectasia TGLS = 6-16]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hemorrhage	Mild
* Lymph Node, Mesenteric		Ectasia	Mild
* Nose		Hemorrhage	Minimal
* Pancreas	Acinus	Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-10]			
* Prostate		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-10A]			
* Testes		Atrophy	Marked
	Artery	Inflammation	Mild
		Mineralization	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 592

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
		Inflammation	Chronic, Marked
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-2A]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Nose		Foreign Body	
		Inflammation	Chronic Active, Moderate
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Marked
* Testes	Interstit Cell	Adenoma	
	Artery	Inflammation	Moderate
[Adenoma TGLS = 8-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 681

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
	Artery	Thrombosis	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
		[Hydronephrosis TGLS = 4-4]	
		[Nephropathy TGLS = 3-4]	
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		[Infiltration Cellular TGLS = 6-2A]	
Lymph Node	Iliac	Ectasia	Mild
		Hyperplasia	Plasma Cell, Moderate
		[Hyperplasia TGLS = 2-16]	
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 7-8]	
* Preputial Gland	Duct	Cyst	Marked
		[Cyst TGLS = 8-10]	
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 681 HISTO: 915134
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ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-10A] * Thymus	Hemorrhage	Mild
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915135
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
	Hepatocyte	Atrophy	Mild
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
		[Angiectasis TGLS = 2-6B]	
		[Atrophy TGLS = 2-6B]	
		[Hepatodiaphragmatic Nodule TGLS = 1-6A]	
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	
* Pituitary Gland		Cyst	Minimal
		Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Marked
		[Cyst TGLS = 3-10]	
* Testes		Atrophy	Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 572

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 9-4]			
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 5-6]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas		Hyperplasia	Minimal
* Parathyroid Gland		Inflammation	Chronic, Moderate
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-10]			
* Skin	Subcut Tiss	Fibroma	
		Hyperkeratosis	Mild
[Fibroma TGLS = 1-10A]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Stomach, Glandular		Erosion	Mild
		Mineralization	Minimal
[Erosion TGLS = 6,7-15A+15B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 572
HISTO: 915136

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Atrophy	Mild
* Thymus	Atrophy	Marked
	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915137
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	Coagulating Gland
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type. [Cyst TGLS = 6-4+4A] [Hydronephrosis TGLS = 4,8-4] [Nephropathy TGLS = 5-4+4A]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Ectasia	Moderate
	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915137
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ORGAN AND ACCOUNTABLE SITE STATUS

Acinus		Carcinoma	Multiple
Duct		Hyperplasia	Mild
		Hyperplasia	Mild
Artery		Inflammation	Moderate
Note: PANCREATIC ARTERIAL LESION IS ON SLIDE 5. [Adenoma TGLS = 2-9+9A] [Carcinoma TGLS = 2-9A]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Testes		Atrophy	Mild
		Mineralization	Mild
* Thymus		Ectopic Parathyroid Gland	Mild
		Ectopic Thyroid	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 587 HISTO: 915138
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Malignant TGLS = 1-8]		Pheochromocytoma Malignant	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Congestion	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Moderate
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 674 HISTO: 915139
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Brain		Hemorrhage	Mild
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Mild
		Hydronephrosis	Minimal
		Nephropathy	Marked
[Cyst TGLS = 6-4+4A]			
[Hydronephrosis TGLS = 5-4]			
[Nephropathy TGLS = 3-4+4A]			
* Liver		Congestion	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-9]			
* Mammary Gland	Duct	Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 674 HISTO: 915139
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-8]			
* Preputial Gland	Duct	Cyst Inflammation	Marked Suppurative, Mild
[Cyst TGLS = 1-10]			
* Testes	Artery	Atrophy Inflammation	Minimal Moderate
* Thymus		Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 915140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
		Nephropathy	Mild
[Cyst TGLS = 2-4A]			
[Hydronephrosis TGLS = 4-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-2+2A]			
Lymph Node	Mediastinal	Hemorrhage	Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-16]			
* Nose		Foreign Body	
		Inflammation	Chronic Active, Moderate
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Minimal
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915140
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Artery	Inflammation	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
		[Hydronephrosis TGLS = 5-4]	
		[Nephropathy TGLS = 4-4]	
* Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
		[Hyperplasia TGLS = 3-2]	
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Marked
* Skin	Hair Follicle	Cyst	Mild
		[Cyst TGLS = 1-10A]	
* Stomach, Forestomach		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 624 HISTO: 915141
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Atrophy	Minimal
	Artery	Inflammation	Minimal
* Thymus		Thymoma Malignant	
[Thymoma Malignant TGLS = 2-16]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 559 HISTO: 915142
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Urinary Bladder	

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
	Pulmn Artery	Mineralization	Moderate
		Mineralization	Mild
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
		Mineralization	Marked
* Kidney		Cyst	Mild
	Artery	Mineralization	Mild
		Mineralization	Minimal
		Nephropathy	Marked
	[Cyst TGLS = 8-4A]		
	[Nephropathy TGLS = 5-4+4A]		
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolus	Mineralization	Minimal
	[Infiltration Cellular TGLS = 7-3]		
Lymph Node	Mediastinal	Ectasia	Moderate
	Renal	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 559 HISTO: 915142
ORGAN AND ACCOUNTABLE SITE STATUS			
	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 2-16] [Hemorrhage TGLS = 1-3A]			
* Parathyroid Gland [Hyperplasia TGLS = 6-2]		Hyperplasia	Marked
* Pituitary Gland [Adenoma TGLS = 3-8]	Pars Distalis	Adenoma	
* Preputial Gland [Cyst TGLS = 9-10]	Duct	Cyst Inflammation	Marked Suppurative, Mild
* Testes		Atrophy Inflammation	Moderate Marked
* Thymus	Artery	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 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: 644 HISTO: 915143
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-4]			
* Liver		Congestion	Mild
[Congestion TGLS = 3-6]		Eosinophilic Focus	
* Lymph Node, Mandibular		Ectasia	Mild
[Hyperplasia TGLS = 1-9]		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose		Foreign Body	
		Inflammation	Acute, Marked
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Ulcer	Mild
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
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: 644
HISTO: 915143

ORGAN AND ACCOUNTABLE SITE STATUS

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915144
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Mild
	Endocardium	Schwannoma Benign	
* Kidney		Cyst	Moderate
		Hydronephrosis	Moderate
	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Marked
		[Cyst TGLS = 3-4+4A+4B]	
		[Hydronephrosis TGLS = 4-4+4A]	
		[Nephropathy TGLS = 2-4+4A+4B]	
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
		[Degeneration TGLS = 5-6+6A]	
		[Vacuolization Cytoplasmic TGLS = 6-6+6A]	
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 8-9A]	
* Pancreas	Acinus	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915144
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ORGAN AND ACCOUNTABLE SITE STATUS			
		Hyperplasia	Moderate
[Carcinoma TGLS = 9-9B]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 7-2]			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 10-10]			
* Salivary Glands	Duct	Cyst	Minimal
* Stomach, Glandular		Hyperplasia	Minimal
[Hyperplasia TGLS = 11-15A]			
* Testes	Interstit Cell Artery	Adenoma Inflammation	Minimal
[Adenoma TGLS = 1-7]			
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 536

DOSE: 0 PPM

DISP: Natural Death

HISTO: 915145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
* Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Renal	Ectasia	Marked
	Renal	Hemorrhage	Minimal
[Ectasia TGLS = 1-16]			
* Mammary Gland		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 649 HISTO: 915246
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Moderate
		Nephropathy	Marked
			[Cyst TGLS = 7-4+4A]
			[Nephropathy TGLS = 4-4+4A]
* Liver		Angiectasis	Minimal
		Congestion	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
Lymph Node	Iliac	Ectasia	Mild
	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Mild
			[Ectasia TGLS = 3-16]
			[Ectasia TGLS = 5-17]
* Lymph Node, Mandibular		Ectasia	Minimal
		Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 649 HISTO: 915246
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-9A]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland	Duct	Cyst Inflammation	Moderate Suppurative, Mild
[Cyst TGLS = 2-10]			
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 6-2A]			
* Trachea		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 642 HISTO: 915247
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Congestion	Mild
		Degeneration	Mild
		Vacuolization Cytoplasmic	Mild
Blood Vessel	Aorta	Mineralization	Minimal
* Bone	Cranium	Fibrous Osteodystrophy	Marked
	Vertebra	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Minimal
		Mineralization	Minimal
	Atrium	Thrombosis	Mild
* Kidney		Cyst	Marked
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is cystic type. [Cyst TGLS = 2-4+4A] [Nephropathy TGLS = 1-4+4A]			
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Lung	Interstitial	Inflammation	Chronic, Mild
			[Inflammation TGLS = 6-3]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 642 HISTO: 915247
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node	Renal	Ectasia	Marked
	Mediastinal	Hemorrhage	Marked
	Renal	Hemorrhage	Moderate
[Ectasia TGLS = 3-16]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-2]			
Peripheral Nerve		Mineralization	Minimal
		Radicular Neuropathy	Mild
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Testes		Atrophy	Minimal
	Artery	Inflammation	Marked
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 541 HISTO: 915248
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 11-13+18]	Aorta	Mineralization	Marked
* Bone	Cranium Vertebra	Fibrous Osteodystrophy Fibrous Osteodystrophy Fibrous Osteodystrophy	Mild Mild Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cyst Hyperplasia Mineralization Nephropathy	Minimal Marked Minimal Marked
[Nephropathy TGLS = 7-4]			
* Liver	Centrilobular Bile Duct	Degeneration Degeneration Hyperplasia	Moderate Cystic, Minimal Minimal
[Degeneration TGLS = 9-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Lymph Node, Mesenteric [Hemorrhage TGLS = 5-8]		Hemorrhage	Moderate
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland [Hyperplasia TGLS = 12-2]		Hyperplasia	Marked
Peripheral Nerve		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 541 HISTO: 915248
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Radicular Neuropathy Cyst Inflammation	Minimal Moderate Suppurative, Mild
[Cyst TGLS = 2-10]			
* Spleen		Atrophy	Marked
[Atrophy TGLS = 6-3]			
* Stomach, Glandular		Mineralization	Moderate
* Testes		Atrophy Mineralization	Moderate Minimal
[Atrophy TGLS = 3-7]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO: 915249
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Preputial Gland	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

Blood Vessel [Mineralization TGLS = 13-16]	Aorta	Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Heart	Artery	Cardiomyopathy	Marked
		Mineralization	Minimal
		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Moderate
		Hydronephrosis	Minimal
	Artery	Mineralization	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Adenoma TGLS = 16-4B]			
[Cyst TGLS = 9-4+4A]			
[Hydronephrosis TGLS = 15-4+4A]			
[Nephropathy TGLS = 8-4+4A+4B]			
* Liver		Congestion	Moderate
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO: 915249
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ORGAN AND ACCOUNTABLE SITE STATUS

[Vacuolization Cytoplasmic TGLS = 17-6]			
* Lung		Congestion Edema	Moderate Mild
Lymph Node	Renal Renal	Ectasia Hemorrhage	Moderate Mild
[Ectasia TGLS = 10-17]			
* Mammary Gland		Cyst	Moderate
[Cyst TGLS = 3-10A]			
* Nose		Inflammation Metaplasia	Acute, Moderate Squamous, Mild
* Pancreas	Acinus Artery	Adenoma Hyperplasia Mineralization	 Mild Moderate
[Adenoma TGLS = 5-9A]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 12-2]			
* Pituitary Gland		Hyperplasia	Marked
* Salivary Glands	Artery	Mineralization	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-18]			
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 6-15]			
* Testes	Interstit Cell Artery	Adenoma Atrophy Inflammation	 Minimal Moderate
[Adenoma TGLS = 14-7]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-3A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 690 HISTO: 915250
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Penis	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

Coagulating Gland	* Epididymis	* Mammary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Blood Vessel	Aorta	Mineralization	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
* Kidney		Cyst	Moderate
		Mineralization	Mild
		Nephropathy	Marked
[Cyst TGLS = 2,6-4+4A]			
[Nephropathy TGLS = 1-4+4A]			
* Liver		Congestion	Moderate
[Congestion TGLS = 4-6+6A]			
* Lung		Congestion	Moderate
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-8]			
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 2

SEX: Male

DAY ON TEST: 690

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915250

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Preputial Gland

OBSERVATIONS

* Bone	Rib	Callus Fibrous Osteodystrophy	Moderate Minimal
			[Callus TGLS = 8-17]
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
			[Cyst TGLS = 5-4+4A+4B]
			[Hydronephrosis TGLS = 14-4]
			[Nephropathy TGLS = 4-4+4A+4B]
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
			[Angiectasis TGLS = 7-6A]
* Lung		Inflammation	Granulomatous, Mild
			[Inflammation TGLS = 11-2+2A+3]
Lymph Node		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915251
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 6-16]		Hemorrhage	Mild
* Lymph Node, Mandibular		Ectasia	Moderate
[Ectasia TGLS = 1-9]			
* Nose		Foreign Body Inflammation	Chronic, Minimal
* Pancreas	Acinus Artery	Adenoma Inflammation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst Hyperplasia	Mild Mild
[Hyperplasia TGLS = 16-8]			
* Skin		Hyperplasia Inflammation	Squamous, Mild Chronic, Mild
[Hyperplasia TGLS = 3-10A]			
* Stomach, Glandular		Fibrosis Mineralization	Minimal Mild
[Mineralization TGLS = 10-15]			
* Testes	Interstit Cell Artery	Adenoma Inflammation	Marked
[Adenoma TGLS = 13-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 9-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 638 HISTO: 915252
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 1-9A]			
* Kidney		Cyst	Minimal
	Renal Tubule	Hydronephrosis	Mild
		Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is cystic type.			
[Cyst TGLS = 9-4]			
[Hydronephrosis TGLS = 4-4]			
[Nephropathy TGLS = 5-4]			
* Liver		Angiectasis	Mild
	Bile Duct	Eosinophilic Focus	
		Hemorrhage	Mild
		Hyperplasia	Minimal
		Necrosis	Marked
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-6B]			
[Eosinophilic Focus TGLS = 3-6B]			
[Hemorrhage TGLS = 3-6+6A+6B]			
[Necrosis TGLS = 2-6+6A+6B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 638 HISTO: 915252
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node [Ectasia TGLS = 6-16]	Renal	Ectasia	Moderate
* Pancreas [Adenoma TGLS = 1-9A] [Carcinoma TGLS = 1-9A]	Acinus	Adenoma Atrophy Carcinoma Hyperplasia	Multiple Mild Marked
* Parathyroid Gland [Hyperplasia TGLS = 7-2]		Hyperplasia	Mild
* Pituitary Gland [Adenoma TGLS = 8-8]	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Testes	Artery	Inflammation	Mild
* Thymus		Cyst Hemorrhage	Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 486 HISTO: 915253
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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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Mild
Coagulating Gland		Inflammation	Acute, Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Minimal
[Vacuolization Cytoplasmic TGLS = 4-6]		Vacuolization Cytoplasmic	Mild
Lymph Node	Renal	Ectasia	Moderate
[Ectasia TGLS = 3-16]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Inflammation	Acute, Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 6-15B]			
* Stomach, Glandular		Mineralization	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 2	SEX: Male	DAY ON TEST: 486
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 915253

ORGAN AND ACCOUNTABLE SITE STATUS

[Mineralization TGLS = 1-15A]

* Testes	Interstit Cell	Adenoma Atrophy	Mild
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 651 HISTO: 915254
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
Blood Vessel	Aorta	Mineralization	Marked
[Mineralization TGLS = 4-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Marked
	Artery	Mineralization	Mild
		Mineralization	Minimal
* Kidney		Cyst	Marked
		Mineralization	Moderate
		Nephropathy	Marked
[Cyst TGLS = 2-4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
* Lung	Interstitium	Inflammation	Chronic, Moderate
Lymph Node	Mediastinal	Congestion	Moderate
	Mediastinal	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 651 HISTO: 915254
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ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland	Artery	Mineralization	Mild
* Parathyroid Gland [Hyperplasia TGLS = 5-2A]		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands	Artery	Mineralization	Mild
* Stomach, Forestomach [Mineralization TGLS = 1-15]		Mineralization	Marked
* Stomach, Glandular [Mineralization TGLS = 1-15]		Mineralization	Marked
* Testes	Interstit Cell	Hyperplasia	Mild
	Artery	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 573
DOSE: 100 PPM **DISP:** Natural Death **HISTO:** 915255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Ulcer	Marked
[Ulcer TGLS = 5-5A]			
* Kidney		Nephropathy	Marked
* Liver	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Moderate
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Mild
[Ectasia TGLS = 4-17]			
* Lymph Node, Mandibular		Congestion	Mild
[Congestion TGLS = 1-9]			
Mesentery	Artery	Inflammation	Mild
[Inflammation TGLS = 3-16]			
* Pancreas	Artery	Inflammation	Mild
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 6-10]			
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Ulcer	Marked
[Hyperplasia TGLS = 7-15+15A]			
[Ulcer TGLS = 7-15+15A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 573
HISTO: 915255

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy
Cyst

Marked
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Congestion	Mild
[Congestion TGLS = 3-6A]			
Lymph Node	Mediastinal	Ectasia	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-10B]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Acute, Minimal
Lymph Node	Mediastinal	Ectasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Hyperplasia	Marked
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Mild
[Cyst TGLS = 4-8]			
* Preputial Gland	Duct	Cyst	Marked
		Inflammation	Suppurative, Mild
[Cyst TGLS = 2-10]			
* Skin	Subcut Tiss	Fibroma	
		Squamous Cell Carcinoma	
[Fibroma TGLS = 3-10B]			
[Squamous Cell Carcinoma TGLS = 1-10A]			
* Spleen		Lymphoma Malignant	
* Testes		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915257

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Lymphoma Malignant	
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 372 HISTO: 915258
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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
* Islets, Pancreatic	* Lung	Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Coagulating Gland

OBSERVATIONS

* Brain [Hemorrhage TGLS = 4-1]		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney [Nephropathy TGLS = 5-4]		Nephropathy	Moderate
* Liver [Hepatodiaphragmatic Nodule TGLS = 3-6A]	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia Pigmentation	Minimal Minimal
* Lymph Node, Mandibular [Ectasia TGLS = 2-9]		Ectasia Hyperplasia	Mild Plasma Cell, Moderate
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Marked
* Stomach, Forestomach		Hyperplasia Ulcer	Squamous, Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 372
HISTO: 915258

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-15]

[Ulcer TGLS = 6-15A]

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64

TRT#: 2

SEX: Male

DAY ON TEST: 634

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Spleen	* Testes	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Minimal
[Mineralization TGLS = 6-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Cyst	Marked
	Renal Tubule	Hyperplasia	Marked
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 4-4+4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver		Angiectasis	Mild
	Centrilobular	Degeneration	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Degeneration TGLS = 5-6+6A]			
* Lung	Interstitium	Fibrosis	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland	Artery	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 634 HISTO: 915259
ORGAN AND ACCOUNTABLE SITE STATUS			
* Parathyroid Gland [Hyperplasia TGLS = 7-2]		Hyperplasia	Marked
* Pituitary Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Minimal
* Skin		Cyst	Mild
	Subcut Tiss	Fibroma	
		Inflammation	Suppurative, Mild
[Cyst TGLS = 8-16] [Fibroma TGLS = 1-10A]			
* Stomach, Forestomach [Hyperplasia TGLS = 2-15A]		Hyperplasia	Squamous, Marked
* Stomach, Glandular		Erosion	Minimal
		Mineralization	Marked
[Mineralization TGLS = 9-15+15B]			
* Thymus		Atrophy	Marked
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 593 HISTO: 915260
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
	Endocardium	Schwannoma Benign	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Congestion	Moderate
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Congestion TGLS = 4-6]			
* Lung		Congestion	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 6-2+3]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
[Hemorrhage TGLS = 5-2A]			
* Lymph Node, Mandibular		Congestion	Moderate
		Hyperplasia	Plasma Cell, Moderate
[Congestion TGLS = 1-9]			
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Plasma Cell, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 2	SEX: Male	DAY ON TEST: 593
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915260

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 3-8]

* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
	Follicular Cel	Hyperplasia	Mild

[Carcinoma TGLS = 2-2A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 66

TRT#: 2

SEX: Male

DAY ON TEST: 660

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* 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	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
		Nephropathy	Marked
[Cyst TGLS = 11-4]			
[Hydronephrosis TGLS = 5-4]			
[Nephropathy TGLS = 4-4]			
* Liver		Angiectasis Degeneration Vacuolization Cytoplasmic	Mild Cystic, Mild Minimal
[Angiectasis TGLS = 9-6A]			
[Degeneration TGLS = 9-6+6A]			
[Vacuolization Cytoplasmic TGLS = 8-6+6A]			
Lymph Node	Mediastinal Pancreatic Renal Mediastinal	Congestion Ectasia Ectasia Hemorrhage	Marked Moderate Moderate Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 660 HISTO: 915261
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ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
[Congestion TGLS = 10-3A]			
[Ectasia TGLS = 2-9A]			
[Ectasia TGLS = 7-16]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-3B]			
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Mild
* Thymus		Atrophy	Mild
		Ectopic Parathyroid Gland	Mild
Tissue NOS		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 6-18]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67

TRT#: 2

SEX: Male

DAY ON TEST: 716

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915262

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, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Salivary Glands
* Skin	* Spleen	* Testes	* Trachea

MISSING

Coagulating Gland	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
* Heart		Cardiomyopathy	Marked
		Mineralization	Minimal
* Kidney		Hydronephrosis	Mild
		Inflammation	Acute, Moderate
		Mineralization	Moderate
		Nephropathy	Marked
[Inflammation TGLS = 4-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 2-16]			
* Nose		Inflammation	Acute, Moderate
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 716 HISTO: 915262
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ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Hyperplasia Inflammation	Mild Chronic, Mild
* Stomach, Forestomach		Hyperplasia Ulcer	Squamous, Mild Moderate
[Ulcer TGLS = 5-15+15A]			
* Stomach, Glandular		Erosion Mineralization	Mild Minimal
[Erosion TGLS = 6-15+15B]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia Ulcer	Mild Marked
[Ulcer TGLS = 1-9A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-2A]			
Lymph Node	Mediastinal	Ectasia	Marked
* Lymph Node, Mandibular		Ectasia	Marked
[Ectasia TGLS = 2-9A]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Preputial Gland	Duct	Cyst	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-10A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915264

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	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Coagulating Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Cyst TGLS = 1-4]			
* Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Pancreatic	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-3A]			
[Hyperplasia TGLS = 2-9A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Moderate
[Adenoma TGLS = 2-5+9A]			
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915264
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Adenoma	
* Testes		Atrophy	Marked
	Artery	Inflammation	Moderate
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 595
DOSE: 100 PPM **DISP:** Natural Death **HISTO:** 915265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Brain		Degeneration	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Cyst TGLS = 4-4]			
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Congestion	Moderate
		Degeneration	Minimal
		Infiltration Cellular	Histiocyte, Mild
	Centrilobular	Necrosis	Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
	Iliac	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 3-17]			
[Hyperplasia TGLS = 1-16]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 595
HISTO: 915265

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 714
HISTO: 915266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Small, Duodenum	* Islets, Pancreatic	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea

MISSING

Coagulating Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Congestion	Moderate
		Mineralization	Mild
		Vacuolization Cytoplasmic	Minimal
Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Marked
		Mineralization	Marked
[Mineralization TGLS = 10-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Marked
		Mineralization	Mild
* Intestine Large, Cecum		Hemorrhage	Mild
		Inflammation	Acute, Mild
[Inflammation TGLS = 12-5+16]			
* Intestine Large, Rectum		Mineralization	Mild
* Kidney		Cyst	Mild
		Mineralization	Moderate
		Nephropathy	Marked
[Cyst TGLS = 6-4]			
[Nephropathy TGLS = 5-4]			
* Liver		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 714 HISTO: 915266
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ORGAN AND ACCOUNTABLE SITE STATUS

	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
[Congestion TGLS = 4-6+6A+6B]			
* Lung	Interstitial	Fibrosis	Minimal
Lymph Node	Iliac	Ectasia	Marked
	Pancreatic	Ectasia	Marked
	Renal	Ectasia	Mild
	Iliac	Hemorrhage	Marked
	Mediastinal	Hemorrhage	Marked
	Pancreatic	Hemorrhage	Moderate
[Ectasia TGLS = 7-17]			
[Ectasia TGLS = 1-18]			
[Ectasia TGLS = 2-9]			
[Hemorrhage TGLS = 8-3A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland	Duct	Dilatation	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Acute, Minimal
* Pancreas	Artery	Mineralization	Moderate
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 9-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-8]			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Marked
* Salivary Glands	Artery	Mineralization	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
		Mineralization	Mild
* Stomach, Glandular		Mineralization	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 714 HISTO: 915266
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Islets, Pancreatic
Lymph Node	* Mammary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Minimal
[Mineralization TGLS = 4-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
		Mineralization	Mild
* Kidney		Cyst	Marked
		Inflammation	Acute, Moderate
	Artery	Mineralization	Mild
		Mineralization	Moderate
		Nephropathy	Marked
[Cyst TGLS = 6-4+4A]			
[Inflammation TGLS = 2,7-4+4A]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Edema	Mild
* Lymph Node, Mandibular		Congestion	Mild
[Congestion TGLS = 1-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 611 HISTO: 915267
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose		Inflammation	Acute, Mild
* Pancreas	Artery	Mineralization	Moderate
* Parathyroid Gland [Hyperplasia TGLS = 3-2]		Hyperplasia	Marked
* Pituitary Gland [Adenoma TGLS = 5-8]	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic Active, Marked
* Stomach, Forestomach		Hyperplasia	Squamous, Marked
* Stomach, Glandular [Mineralization TGLS = 8-15+15A]		Mineralization	Moderate
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915268
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 7-5A]			
* Kidney		Cyst	Marked
		Hydronephrosis	Mild
		Nephropathy	Marked
[Cyst TGLS = 1-4+4A]			
[Nephropathy TGLS = 2-4+4A]			
* Liver	Centrilobular	Clear Cell Focus	
		Degeneration	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3,4-6]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 5-16]			
* Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915268

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74	TRT#: 2	SEX: Male	DAY ON TEST: 722
	DOSE: 100 PPM	DISP: Terminal Sacrifice	HISTO: 915269

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

MISSING

Coagulating Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
	Artery	Inflammation	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
		Pigmentation	Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas		Atrophy	Minimal
* Preputial Gland	Duct	Cyst	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-7]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915270
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
[Hydronephrosis TGLS = 2-4]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Inguinal	Hemorrhage	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
		Hemorrhage	Minimal
* Pancreas		Hyperplasia	Moderate
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 3-10]			
* Testes	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 915271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	Coagulating Gland	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Marked
* Kidney		Cyst	Minimal
		Hydronephrosis	Minimal
		Nephropathy	Moderate
[Cyst TGLS = 5-4]			
* Liver		Congestion	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Congestion TGLS = 3-6A]			
Lymph Node	Mediastinal	Ectasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-9]			
* Pancreas		Hyperplasia	Mild
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915271
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma Keratoacanthoma	
[Fibroma TGLS = 1-10] [Keratoacanthoma TGLS = 4-16]			
* Testes	Interstit Cell Artery	Hyperplasia Inflammation	Mild Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77

TRT#: 2
DOSE: 100 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 445
HISTO: 915272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

Blood Vessel [Mineralization TGLS = 5-13]		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
	Artery	Mineralization	Moderate
		Mineralization	Moderate
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is cystic type. [Cyst TGLS = 2-4]			
* Liver [Degeneration TGLS = 4-6]	Centrilobular	Degeneration	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hemorrhage	Mild
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Marked
* Parathyroid Gland [Hyperplasia TGLS = 3-2]		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 445 HISTO: 915272
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Mineralization TGLS = 6-15+15A]	Mineralization	Moderate
* Testes [Atrophy TGLS = 1-7]	Atrophy	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 78

TRT#: 2

SEX: Male

DAY ON TEST: 536

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
Lymph Node	* Nose	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Blood Vessel	Aorta	Mineralization	Mild
[Mineralization TGLS = 5-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 6-4+4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver	Centrilobular	Degeneration	Minimal
	Bile Duct	Hyperplasia	Mild
* Lung	Artery	Mineralization	Moderate
* Lymph Node, Mandibular		Congestion	Moderate
[Congestion TGLS = 1-9]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-8]			
* Mammary Gland	Artery	Mineralization	Mild
* Pancreas	Duct	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 2	SEX: Male	DAY ON TEST: 536
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915273

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Marked
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Glandular [Mineralization TGLS = 7-15+15A+15B]		Mineralization	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 581 HISTO: 915274
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Minimal
		Mineralization	Moderate
* Intestine Large, Cecum		Ulcer	Moderate
[Ulcer TGLS = 7-5A]			
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
[Cyst TGLS = 1-4+4A]			
[Nephropathy TGLS = 2-4+4A]			
* Liver		Degeneration	Cystic, Moderate
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Mineralization	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
[Degeneration TGLS = 3-6+6A]			
[Fibrosis TGLS = 3-6A]			
* Lung	Artery	Mineralization	Minimal
Lymph Node	Renal	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 581 HISTO: 915274
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Mediastinal	Hemorrhage	Minimal
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 4-16]			
[Hemorrhage TGLS = 5-17]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Glandular		Mineralization	Moderate
[Mineralization TGLS = 6-15A]			
* Testes	Artery	Mineralization	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 2	SEX: Male	DAY ON TEST: 336
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 915275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Hydronephrosis Nephropathy	Moderate Mild
[Hydronephrosis TGLS = 3-4]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia Inflammation	Moderate Chronic Active, Moderate
	Respirat Epith	Metaplasia	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 81 TRT#: 2 SEX: Male DAY ON TEST: 479
 DOSE: 100 PPM DISP: Natural Death HISTO: 915276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Mild
	[Mineralization TGLS = 8-13+13A]		
* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
		Mineralization	Minimal
* Intestine Large, Cecum	Artery	Mineralization	Mild
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
	Artery	Mineralization	Moderate
		Mineralization	Mild
		Nephropathy	Marked
	Note: Hyperplasia, minimal is cystic type.		
	[Cyst TGLS = 3-4+4A+4B]		
	[Nephropathy TGLS = 4-4+4A+4B]		
* Liver	Centrilobular	Degeneration	Mild
	Artery	Mineralization	Mild
	[Degeneration TGLS = 7-6]		
* Lung	Interstitium	Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 479 HISTO: 915276
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Alveolar Epith Artery Mediastinal Pancreatic Renal Renal	Hypertrophy Mineralization Atrophy Ectasia Ectasia Hemorrhage	Minimal Minimal Moderate Mild Marked Mild
	[Ectasia TGLS = 6-4A] [Ectasia TGLS = 2-16]		
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Marked
	[Hyperplasia TGLS = 9-2]		
* Preputial Gland	Duct	Cyst Inflammation	Moderate Suppurative, Moderate
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular		Mineralization	Marked
	[Mineralization TGLS = 5-15+15A]		
* Testes		Atrophy	Mild
* Thymus		Atrophy Cyst Ectopic Parathyroid Gland	Marked Mild Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 352 HISTO: 915277
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Marked
	Artery	Mineralization	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Marked
		[Nephropathy TGLS = 5-4]	
* Lung	Interstitium	Fibrosis	Moderate
		Mineralization	Mild
		[Fibrosis TGLS = 4-2A]	
Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Moderate
	Iliac	Hyperplasia	Plasma Cell, Mild
		[Ectasia TGLS = 1-16]	
		[Hyperplasia TGLS = 2-17]	
* Nose		Inflammation	Acute, Minimal
* Pancreas		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82	TRT#: 2	SEX: Male	DAY ON TEST: 352
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915277

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Inflammation	Acute, Minimal
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83

TRT#: 2

SEX: Male

DAY ON TEST: 710

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
* Liver		Congestion	Moderate
		Degeneration	Cystic, Mild
Lymph Node	Mediastinal	Ectasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8A]			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Mild
* Skin		Hyperplasia	Squamous, Moderate
		Inflammation	Chronic, Mild
[Hyperplasia TGLS = 2-16]			
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 682 HISTO: 915279
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	Coagulating Gland	* Epididymis
* Esophagus	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Prostate	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Brain	* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Thrombosis	Marked
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 4-4]			
[Nephropathy TGLS = 1-4]			
* Liver	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Degeneration TGLS = 2,6-6]			
Lymph Node	Renal	Ectasia	Marked
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 3-16]			
* Parathyroid Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 682 HISTO: 915279
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach [Hyperplasia TGLS = 5-15A]		Hyperplasia	Squamous, Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Artery	Inflammation	Moderate
* Thymus		Atrophy	Moderate
		Ectopic Parathyroid Gland	Mild
		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 610 HISTO: 915280
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 7-13]	Aorta	Mineralization	Marked
* Bone	Cranium	Fibrous Osteodystrophy Fibrous Osteodystrophy	Minimal Mild
* Heart	Artery	Cardiomyopathy Mineralization Mineralization	Moderate Mild Minimal
* Kidney	Renal Tubule	Adenoma Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
	Artery	Mineralization Mineralization Nephropathy	Minimal Mild Marked
Note: Hyperplasia, mild is cystic type. [Cyst TGLS = 4-4+4A] [Nephropathy TGLS = 3-4+4A]			
* Liver [Degeneration TGLS = 6-6]	Centrilobular	Degeneration Degeneration Pigmentation	Mild Cystic, Minimal Minimal
Lymph Node	Renal	Ectasia	Marked
	Renal	Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 610 HISTO: 915280
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ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 2-9A]			
[Hemorrhage TGLS = 5-16]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-8]			
* Mammary Gland	Artery	Mineralization	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	
	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 9-2]			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Minimal
* Stomach, Forestomach		Mineralization	Moderate
[Mineralization TGLS = 8-15+15A]			
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 10-15+15A+15B]			
* Testes		Atrophy	Minimal
	Artery	Inflammation	Minimal
* Thymus		Atrophy	Marked
		Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915281
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Blood Vessel	Pulmn Artery	Degeneration	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type. [Cyst TGLS = 5-4A] [Nephropathy TGLS = 4-4+4A]			
* Liver		Pigmentation	Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-8]			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 3-10]			
* Prostate		Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-10A]			
* Stomach, Glandular		Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915281
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ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 7-15A]			
* Testes	Interstit Cell Artery	Adenoma Inflammation	Mild
[Adenoma TGLS = 8-7]			
* Thymus		Atrophy Cyst	Minimal Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 698 HISTO: 915282
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Malignant	Marked
[Pheochromocytoma Malignant TGLS = 7-8]			
* Heart	Atrium	Cardiomyopathy Thrombosis	Moderate Moderate
[Thrombosis TGLS = 14-13]			
* Intestine Large, Cecum		Edema	Moderate
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 4-5A]			
* Kidney	Renal Tubule	Cyst Hydronephrosis Hyperplasia Nephropathy Thrombosis	Moderate Minimal Mild Moderate Mild
[Cyst TGLS = 17-4+4A]			
[Hydronephrosis TGLS = 16-4]			
[Nephropathy TGLS = 9-4+4A]			
* Liver	Centrilobular Bile Duct	Degeneration Dilatation Fibrosis	Minimal Mild Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung	Interstitialium Alveolus	Fibrosis Infiltration Cellular	Mild Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 698 HISTO: 915282
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 13-2+3] Lymph Node	Mediastinal Pancreatic Renal Renal Mediastinal Pancreatic Renal	Ectasia Ectasia Ectasia Fibrosis Hemorrhage Hemorrhage Hemorrhage	Moderate Marked Marked Mild Moderate Mild Moderate
[Ectasia TGLS = 8-16] [Ectasia TGLS = 6-9] [Hemorrhage TGLS = 11-3A] * Lymph Node, Mesenteric		Atrophy Ectasia Hemorrhage	Mild Mild Minimal
[Ectasia TGLS = 5-8] * Nose * Pituitary Gland	Respirat Epith Pars Distalis	Hyperplasia Adenoma Cyst	Mild Mild
* Preputial Gland [Cyst TGLS = 1-10]	Duct	Cyst	Mild
* Prostate * Spleen [Fibrosis TGLS = 15-3]		Inflammation Fibrosis	Chronic, Mild Mild
* Stomach, Glandular [Edema TGLS = 12-15A] * Testes	Serosa Artery	Edema Atrophy Inflammation	Mild Moderate Minimal
[Atrophy TGLS = 3-7] * Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 88	TRT#: 2	SEX: Male	DAY ON TEST: 561
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Blood Vessel	Aorta	Mineralization	Marked
[Mineralization TGLS = 9-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
		Mineralization	Mild
* Intestine Large, Cecum		Hemorrhage	Mild
* Kidney		Cyst	Mild
		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type.			
[Cyst TGLS = 8-4A]			
[Hydronephrosis TGLS = 7-4]			
[Nephropathy TGLS = 6-4+4A]			
* Liver		Angiectasis	Mild
		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
[Congestion TGLS = 5-6A]			
* Lung		Inflammation	Acute, Moderate
[Inflammation TGLS = 12-2+3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 561 HISTO: 915283
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Moderate
	Iliac	Hyperplasia	Plasma Cell, Moderate
[Hemorrhage TGLS = 10-17]			
[Hyperplasia TGLS = 4-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 1-9]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
* Pancreas		Hyperplasia	Marked
	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 11-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Moderate
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Minimal
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-14]			
* Stomach, Forestomach		Mineralization	Moderate
[Mineralization TGLS = 13-15A]			
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 13-15+15A]			
* Testes		Atrophy	Marked
	Artery	Inflammation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Trachea		Inflammation	Acute, Marked
* Urinary Bladder		Edema	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915284
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Coagulating Gland	* 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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Marked
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 6-4]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Vacuolization Cytoplasmic	Mild
[Hyperplasia TGLS = 5-6+6A]			
Lymph Node	Iliac	Ectasia	Mild
	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Moderate
	Iliac	Hemangiosarcoma	
	Iliac	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 4-17]			
[Hemangiosarcoma TGLS = 3-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-9]			
Oral Mucosa		Hyperplasia	Squamous, Mild
* Pancreas		Hyperplasia	Mild
Note: PANCREATIC LESION ON SLIDE 5.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 2	SEX: Male	DAY ON TEST: 722
	DOSE: 100 PPM	DISP: Terminal Sacrifice	HISTO: 915284

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate
* Prostate		Hyperplasia	Marked
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-10A]			
* Testes	Interstit Cell	Hyperplasia	Mild
	Artery	Inflammation	Minimal
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915285
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-8]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
		Hydronephrosis	Mild
		Nephropathy	Moderate
[Hydronephrosis TGLS = 4-4]			
[Nephropathy TGLS = 3-4]			
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 5-6+6A]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
[Ectasia TGLS = 6-16M]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemangiosarcoma	
* Mammary Gland	Duct	Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8]			
* Preputial Gland	Duct	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915285
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-10]

* Prostate		Hyperplasia	Mild
* Testes	Artery	Inflammation	Marked
Tooth	Peridont Tiss	Inflammation	Granulomatous, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO: 915286
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	Coagulating Gland
* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Minimal
* Brain		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
	Renal Tubule	Hydronephrosis	Minimal
		Hyperplasia	Moderate
	Vein	Nephropathy	Marked
		Thrombosis	Mild
Note: Hyperplasia, moderate is cystic type. [Cyst TGLS = 4-4+4A] [Hydronephrosis TGLS = 5-4] [Nephropathy TGLS = 3-4]			
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Marked
[Angiectasis TGLS = 6-6A]			
Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 7-16]			
* Lymph Node, Mesenteric		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 2	SEX: Male	DAY ON TEST: 668
	DOSE: 100 PPM	DISP: Moribund Sacrifice	HISTO: 915286

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 2-8]			
* Mammary Gland	Duct	Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8A]			
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Glandular		Mineralization	Minimal
* Testes		Atrophy	Moderate
	Artery	Inflammation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 92	TRT#: 2	SEX: Male	DAY ON TEST: 549
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915287

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	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
Coagulating Gland	Artery	Mineralization	Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
		Mineralization	Minimal
* Kidney	Artery	Mineralization	Mild
		Mineralization	Minimal
		Nephropathy	Marked
	[Nephropathy TGLS = 2-4]		
* Liver	Centrilobular	Degeneration	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Congestion	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Acute, Minimal
	[Congestion TGLS = 5-2+2A+3]		
	[Infiltration Cellular TGLS = 6-2A]		
Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Moderate
	[Hemorrhage TGLS = 3-16]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 549 HISTO: 915287
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Lymph Node, Mandibular [Congestion TGLS = 1-9]		Congestion	Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Pancreas	Acinus	Adenoma Hyperplasia Hyperplasia	Marked Marked
* Parathyroid Gland [Hyperplasia TGLS = 4-2]			
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle	Artery	Mineralization	Mild
* Stomach, Glandular [Mineralization TGLS = 7-15]		Mineralization	Mild
* Testes		Atrophy Inflammation Mineralization	Moderate Mild Minimal
	Artery	Atrophy	Moderate
* Thymus			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 915288
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Moderate
[Mineralization TGLS = 11-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Mild
	Vertebra	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Moderate
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 13-19]			
* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Minimal
		Mineralization	Moderate
* Intestine Large, Cecum		Inflammation	Acute, Marked
* Kidney	Renal Tubule	Adenoma	Multiple
		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Cyst TGLS = 5,6-4+4A+4B]			
[Nephropathy TGLS = 4-4+4A+4B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 679 HISTO: 915288
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ORGAN AND ACCOUNTABLE SITE STATUS

* Liver		Angiectasis Degeneration Dilatation Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Cystic, Mild Mild Minimal Minimal Minimal Mild
	Bile Duct Bile Duct Centrilobular		
	[Angiectasis TGLS = 9-6+6B] [Dilatation TGLS = 10-6B] [Vacuolization Cytoplasmic TGLS = 8-6+6A+6B]		
Lymph Node	Renal Mediastinal Pancreatic Renal	Ecstasia Hemorrhage Hemorrhage Hemorrhage	Moderate Moderate Mild Moderate
	[Hemorrhage TGLS = 7-16]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-8]		
* Nose	Respirat Epith	Hyperplasia Inflammation Hyperplasia	Mild Chronic Active, Minimal Marked
* Parathyroid Gland	[Hyperplasia TGLS = 12-2]		
Peripheral Nerve		Radicular Neuropathy	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Stomach, Glandular		Mineralization	Minimal
* Testes		Atrophy Inflammation	Mild Minimal
	Artery		
	[Atrophy TGLS = 2-7]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915289
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Moderate
	Endocardium	Schwannoma Benign	
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type. [Cyst TGLS = 3,7-4+4A] [Nephropathy TGLS = 2-4+4A]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Ectasia	Marked
		[Ectasia TGLS = 4-16]	
* Lymph Node, Mandibular		Ectasia	Mild
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Mild
	Artery	Inflammation	Marked
		[Inflammation TGLS = 1-9A]	
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915289
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Artery	Atrophy Inflammation	Minimal Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 95	TRT#: 2	SEX: Male	DAY ON TEST: 697
	DOSE: 100 PPM	DISP: Natural Death	HISTO: 915290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Mild
[Mineralization TGLS = 5-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
		Mineralization	Minimal
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Hydronephrosis	Mild
	Artery	Mineralization	Moderate
		Mineralization	Mild
		Nephropathy	Marked
[Cyst TGLS = 2-4+4A]			
[Hydronephrosis TGLS = 11-4]			
[Nephropathy TGLS = 1-4+4A]			
* Liver		Angiectasis	Mild
		Degeneration	Cystic, Minimal
	Centrilobular	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 697 HISTO: 915290
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ORGAN AND ACCOUNTABLE SITE STATUS

		Vacuolization Cytoplasmic	Moderate
[Angiectasis TGLS = 12-6A]			
[Vacuolization Cytoplasmic TGLS = 4-6+6A]			
* Lung	Interstitium	Fibrosis	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 10-2+2A+3]			
Lymph Node	Renal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 7-16]			
* Pancreas	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-8]			
* Spleen	Artery	Mineralization	Minimal
* Stomach, Glandular		Mineralization	Moderate
[Mineralization TGLS = 9-15+15A]			
* Testes		Atrophy	Moderate
	Artery	Inflammation	Moderate
* Thymus		Atrophy	Marked
	Artery	Mineralization	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 96 TRT#: 2 SEX: Male DAY ON TEST: 470
 DOSE: 100 PPM DISP: Natural Death HISTO: 915291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
[Hydronephrosis TGLS = 3-4]			
* Liver		Clear Cell Focus	
		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-6+6A]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Pancreas		Hemorrhage	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915292
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
Blood Vessel	Aorta	Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-5A]			
* Kidney		Cyst	Moderate
		Hydronephrosis	Minimal
	Artery	Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 5-4+4A]			
[Hydronephrosis TGLS = 10-4]			
[Nephropathy TGLS = 4-4+4A]			
* Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 6-6+6A]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-8]			
* Pancreas		Hyperplasia	Moderate
Note: PANCREATIC LESION ON SLIDE 5.			
* Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915292
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland [Adenoma TGLS = 8-8]	Pars Distalis	Adenoma Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Forestomach [Hyperplasia TGLS = 9-15A]		Hyperplasia	Squamous, Marked
* Testes	Artery	Inflammation	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 552 HISTO: 915293
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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, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Coagulating Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Mild
[Necrosis TGLS = 4-6]			
Lymph Node	Mediastinal	Congestion	Marked
	Mediastinal	Hemorrhage	Minimal
	Iliac	Hyperplasia	Lymphoid, Moderate
[Congestion TGLS = 6-3A]			
[Hyperplasia TGLS = 5-16]			
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-10]			
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
		Ulcer	Moderate
[Fibroma TGLS = 2-10A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 552 HISTO: 915293
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 2

SEX: Male

DAY ON TEST: 647

DOSE: 100 PPM

DISP: Natural Death

HISTO: 915294

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, Mesenteric	* Mammary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Coagulating Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Minimal
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal is cystic type.			
		[Cyst TGLS = 9-4A]	
		[Hydronephrosis TGLS = 6-4]	
		[Nephropathy TGLS = 5-4+4A]	
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Mild
		[Congestion TGLS = 10-6]	
* Lung		Hemorrhage	Minimal
		Inflammation	Acute, Mild
		[Inflammation TGLS = 8-3]	
Lymph Node	Renal	Ectasia	Marked
		[Ectasia TGLS = 7-16]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 647 HISTO: 915294
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Hyperplasia TGLS = 2-9]		Hemorrhage Hyperplasia	Minimal Plasma Cell, Marked
* Nose		Foreign Body Inflammation	Acute, Marked
* Pancreas [Inflammation TGLS = 4-9A]	Artery	Inflammation	Marked
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland		Cyst	Mild
* Preputial Gland [Cyst TGLS = 1-10]	Duct	Cyst	Moderate
* Seminal Vesicle [Cyst TGLS = 3-14]		Cyst	Mild
* Testes	Artery	Inflammation	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 506 HISTO: 915295
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Spleen	* Trachea	* Urinary Bladder

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
[Mineralization TGLS = 4-13]		Mineralization	Marked
* Bone	Vertebra	Fibrous Osteodystrophy	Minimal
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Marked
		Mineralization	Moderate
[Mineralization TGLS = 9-13]			
* Kidney	Renal Tubule	Cyst	Mild
	Artery	Hyperplasia	Moderate
		Mineralization	Minimal
		Mineralization	Mild
		Nephropathy	Marked
Note: Hyperplasia, moderate is cystic type.			
[Cyst TGLS = 6-4A]			
[Nephropathy TGLS = 5-4+4A]			
* Liver	Centrilobular	Degeneration	Mild
		Pigmentation	Minimal
[Degeneration TGLS = 8-6]			
* Lymph Node, Mesenteric		Atrophy	Marked
		Hemorrhage	Mild
* Mammary Gland		Cyst	Moderate
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100	TRT#: 2 DOSE: 100 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 506 HISTO: 915295
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-10B] [Fibroadenoma TGLS = 10-10C]			
* Pancreas	Acinus Artery	Adenoma Inflammation	Mild
* Parathyroid Gland		Hyperplasia	Marked
Peripheral Nerve		Radicular Neuropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst Inflammation	Moderate Suppurative, Mild
* Skin		Cyst	Mild
[Cyst TGLS = 2-10A]			
* Stomach, Forestomach		Hyperplasia Ulcer	Squamous, Mild Mild
[Hyperplasia TGLS = 11-15+15A]			
* Stomach, Glandular		Mineralization	Moderate
* Testes		Atrophy	Moderate
	Artery	Inflammation	Moderate
	Artery	Mineralization	Mild
[Atrophy TGLS = 7-7]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 650
HISTO: 915196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Coagulating Gland	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone	Joint	Inflammation	Chronic, Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Moderate
	Periportal	Congestion	Moderate
		Fibrosis	Mild
	Bile Duct	Fibrosis	Minimal
		Hyperplasia	Moderate
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 1-6A+6B]			
[Vacuolization Cytoplasmic TGLS = 2-6+6A+6B]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Minimal
		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 650
HISTO: 915196

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915197
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
* Liver	Hepatocyte	Atrophy	Mild
	Centrilobular	Clear Cell Focus	
		Degeneration	Minimal
		Eosinophilic Focus	
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Mild
	[Atrophy TGLS = 4-6A]		
	[Hepatocellular Adenoma TGLS = 5-6B]		
Lymph Node	Mediastinal	Ectasia	Minimal
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Carcinoma	Multiple
	[Adenoma TGLS = 3-9+16]		
	[Carcinoma TGLS = 3-9+16]		
* Pituitary Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Mild
	[Cyst TGLS = 1-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915197
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma Atrophy	Mild
	Interstit Cell	Hyperplasia Mesothelioma Malignant	Marked
[Mesothelioma Malignant TGLS = 2-7+7A]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 103 TRT#: 3 SEX: Male DAY ON TEST: 487
 DOSE: 200 PPM DISP: Natural Death HISTO: 915198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* 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	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Degeneration	Moderate
		Fibrosis	Mild
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 1-6A]			
Lymph Node	Mediastinal	Congestion	Moderate
	Mediastinal	Ectasia	Mild
[Congestion TGLS = 2-3A]			
* Nose		Hemorrhage	Minimal
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915199

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

MISSING

Coagulating Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Marked
* Kidney		Cyst	Moderate
		Hydronephrosis	Moderate
		Nephropathy	Marked
[Cyst TGLS = 3-4A]			
[Hydronephrosis TGLS = 4-4]			
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Moderate
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Granulomatous, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
	Pancreatic	Pigmentation	Mild
	Renal	Pigmentation	Mild
[Hemorrhage TGLS = 5-17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915199
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 2-9+16]			
[Hyperplasia TGLS = 5-17]			
[Hyperplasia TGLS = 2-9+16]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Mesentery	Vein	Thrombosis	Marked
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
	Acinus	Carcinoma	
		Fibrosis	Mild
		Hyperplasia	Marked
[Carcinoma TGLS = 1-9A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland	Duct	Cyst	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 7-10A]			
* Testes	Interstit Cell	Hyperplasia	Mild
	Artery	Inflammation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915200
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Minimal
* Kidney		Cyst	Marked
	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Marked
[Cyst TGLS = 4-4+4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Minimal
		Pigmentation	Moderate
		Tension Lipidosis	
[Degeneration TGLS = 5-6+6A]			
[Tension Lipidosis TGLS = 5-6A]			
* Lung		Inflammation	Granulomatous, Mild
Lymph Node	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Marked
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Renal	Pigmentation	Mild
[Ectasia TGLS = 6-16]			
* Parathyroid Gland		Hyperplasia	Mild
* Skin	Sebaceous GI	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915200
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10A]			
* Thymus		Atrophy	Mild
	Epithel Cell	Hyperplasia	Marked
* Thyroid Gland	Follicle	Cyst	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 106 TRT#: 3 SEX: Male DAY ON TEST: 632
 DOSE: 200 PPM DISP: Natural Death HISTO: 915201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Lung	* Lymph Node, Mesenteric	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Marked
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 5-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Congestion	Marked
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
	Renal	Pigmentation	Mild
[Ectasia TGLS = 3-16]			
* Lymph Node, Mandibular		Ectasia	Marked
		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 632 HISTO: 915201
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-8]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Artery	Inflammation	Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 486 HISTO: 915202
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 1-13]	Aorta	Mineralization	Moderate
* Bone	Cranium	Fibrous Osteodystrophy Fibrous Osteodystrophy	Moderate Moderate
* Heart	Artery	Cardiomyopathy Mineralization Mineralization	Marked Moderate Moderate
* Kidney [Hydronephrosis TGLS = 8-4] [Nephropathy TGLS = 3-4]	Atrium	Thrombosis Hydronephrosis Nephropathy	Mild Minimal Marked
* Liver	Centrilobular Centrilobular	Degeneration Fibrosis Necrosis	Mild Minimal Mild
* Lung	Alveolus	Pigmentation Hemorrhage Infiltration Cellular	Mild Minimal Histiocyte, Moderate
Lymph Node	Mediastinal Renal	Ectasia Ectasia	Mild Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 486 HISTO: 915202
ORGAN AND ACCOUNTABLE SITE STATUS			
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
[Ectasia TGLS = 6-3A]			
[Ectasia TGLS = 4-16]			
[Hemorrhage TGLS = 4-16]			
* Nose	Respirat Epith	Hyperplasia Inflammation	Minimal Acute, Minimal
* Pancreas	Acinus	Adenoma Hyperplasia	Marked
* Parathyroid Gland			
[Hyperplasia TGLS = 5-2]			
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 2,7-15+15A]			
* Testes		Atrophy	Marked
	Artery	Mineralization	Minimal
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 520 HISTO: 915203
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Marked
			[Cyst TGLS = 7-4+4A]
			[Nephropathy TGLS = 2-4+4A]
* Liver	Centrilobular	Degeneration	Marked
		Fibrosis	Minimal
		Pigmentation	Minimal
			[Degeneration TGLS = 3-6]
Lymph Node	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Moderate
			[Ectasia TGLS = 4-16]
			[Hemorrhage TGLS = 5-3A]
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Mammary Gland	Duct	Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 520 HISTO: 915203
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes		Atrophy	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 683

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Mild
[Hydronephrosis TGLS = 6-4]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Ectasia	Marked
[Ectasia TGLS = 2-9]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Mesentery	Vein	Thrombosis	Mild
* Preputial Gland	Duct	Cyst	Mild
* Skin		Fibroma	
[Fibroma TGLS = 1-10A]			
* Stomach, Forestomach		Cyst	Mild
		Fibrosarcoma	
[Cyst TGLS = 5-15]			
[Fibrosarcoma TGLS = 5-15+15A]			
* Stomach, Glandular		Fibrosarcoma	Metastatic (Stomach, Forestomach)
[Fibrosarcoma TGLS = 5-15A]			
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 683
HISTO: 915204

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland
[Carcinoma TGLS = 4-16]

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 722
DOSE: 200 PPM **DISP:** Terminal Sacrifice **HISTO:** 915205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas		Hyperplasia	Mild
* Pituitary Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Adenoma	
		Inflammation	Chronic, Mild
* Skin		Fibroma	

[Fibroma TGLS = 1-10A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 700
HISTO: 915206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
		Nephropathy	Moderate
[Cyst TGLS = 1-4]			
* Liver		Congestion	Mild
	Centrilobular	Degeneration	Minimal
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Degeneration TGLS = 3-6+6A]			
[Fibrosis TGLS = 3-6+6A]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 4-2A.1]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Minimal
[Ectasia TGLS = 5-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 700 HISTO: 915206
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Chronic, Moderate
Oral Mucosa		Hyperplasia	Squamous, Moderate
* Preputial Gland	Duct	Cyst	Mild
* Testes	Artery	Inflammation	Mild
* Thymus		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Mild

[Adenoma TGLS = 6-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 112	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 628 HISTO: 915207
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Moderate
[Mineralization TGLS = 5-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Marked
	Artery	Mineralization	Moderate
		Mineralization	Minimal
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Kidney		Cyst	Minimal
		Hydronephrosis	Mild
	Artery	Mineralization	Moderate
		Mineralization	Mild
		Nephropathy	Marked
[Cyst TGLS = 2-4]			
[Nephropathy TGLS = 1,3-4]			
* Liver	Centrilobular	Degeneration	Moderate
		Fibrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 4-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 628 HISTO: 915207
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Moderate
* Parathyroid Gland [Hyperplasia TGLS = 6-2.1]		Hyperplasia	Marked
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Spleen [Atrophy TGLS = 7-3]		Atrophy	Mild
* Stomach, Forestomach [Hyperplasia TGLS = 8-15]		Hyperplasia	Squamous, Marked
* Stomach, Glandular [Mineralization TGLS = 8-15]		Mineralization	Marked
* Testes		Atrophy	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 354

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: Hyperplasia, mild is cystic type.			
			[Cyst TGLS = 3-4A]
			[Hydronephrosis TGLS = 8-4]
			[Nephropathy TGLS = 2-4+4A]
* Liver		Angiectasis	Moderate
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
		Pigmentation	Moderate
			[Angiectasis TGLS = 6-6]
			[Hyperplasia TGLS = 5-6A]
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
			[Ectasia TGLS = 4-16]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113	TRT#: 3	SEX: Male	DAY ON TEST: 354
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 915208

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body Inflammation	Chronic Active, Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic, Mild
* Prostate		Fibrosis	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 7-15+15A]		Hyperplasia	Squamous, Moderate
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114	TRT#: 3	SEX: Male	DAY ON TEST: 404
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 2-4]			
[Nephropathy TGLS = 1-4]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Inflammation	Acute, Mild
		Pigmentation	Mild
[Hyperplasia TGLS = 4-6A]			
* Lung		Congestion	Mild
[Congestion TGLS = 3-2+3]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Ulcer	Mild
[Ulcer TGLS = 5-15A]			
* Thymus		Atrophy	Mild
		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 608 HISTO: 915210
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

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

Blood Vessel	Aorta	Mineralization	Minimal
* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
[Mineralization TGLS = 3-13]			
* Kidney		Cyst	Moderate
		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
[Cyst TGLS = 4-4]			
[Hydronephrosis TGLS = 5-4]			
[Nephropathy TGLS = 1-4+4A]			
* Liver	Periportal	Degeneration	Cystic, Minimal
		Fibrosis	Mild
		Fibrosis	Mild
		Hypertrophy	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 7-6+6A]			
* Lymph Node, Mesenteric		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 608 HISTO: 915210
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hemorrhage	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
Note: PANCREATIC ADENOMA ON SLIDE 5.			
* Parathyroid Gland		Adenoma	
[Hyperplasia TGLS = 2-2]			
* Pituitary Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Cyst	Mild
[Ulcer TGLS = 9-15A]			
* Stomach, Glandular		Hyperplasia	Squamous, Minimal
* Testes		Ulcer	Mild
		Mineralization	Minimal
		Atrophy	Minimal
	Artery	Inflammation	Minimal
	Artery	Mineralization	Moderate
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Congestion	Moderate
	Centrilobular	Degeneration	Minimal
[Congestion TGLS = 2-6+6A]			
Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Minimal
	Renal	Hyperplasia	Plasma Cell, Mild
[Ectasia TGLS = 1-16]			
* Lymph Node, Mesenteric		Ectasia	Minimal
		Hemorrhage	Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland		Cyst	Moderate
* Testes	Artery	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
	[Clear Cell Focus TGLS = 1-6+6A]		
	[Vacuolization Cytoplasmic TGLS = 1-6+6A]		
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	Multiple
		Hyperplasia	Marked
	Note: PANCREATIC ADENOMA ON SLIDES 5 & 13.		
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic, Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Testes	Interstitial Cell	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Thyroid Gland		Inflammation	Granulomatous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 10-4]			
* Liver	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Marked
		Pigmentation	Moderate
[Hyperplasia TGLS = 4-6]			
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 5-16]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 2-9]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-8]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 674 HISTO: 915213
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic, Minimal
* Skin	Subcut Tiss	Cyst Fibrosarcoma	Mild
	[Cyst TGLS = 7-10A] [Fibrosarcoma TGLS = 1-10]		
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Testes		Atrophy Mineralization	Moderate Minimal
* Thymus		Hemorrhage	Moderate
* Thyroid Gland	Bilateral, Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 501

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
	Pulmn Artery	Mineralization	Moderate
* Bone	Cranium	Fibrous Osteodystrophy	Mild
	Vertebra	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-4]			
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
[Degeneration TGLS = 4-6]			
* Lung		Inflammation	Granulomatous, Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
	Inguinal	Hyperplasia	Lymphoid, Mild
[Ectasia TGLS = 6-18]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 501 HISTO: 915214
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ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 5-17]			
[Hyperplasia TGLS = 2-16]			
* Pancreas		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 7-2]			
Peripheral Nerve		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-10]			
* Stomach, Glandular		Mineralization	Moderate
* Testes		Atrophy	Minimal
		Mineralization	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
	Atrium	Dilatation	Marked
	Atrium	Thrombosis	Minimal
	[Dilatation TGLS = 8-13+13A]		
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
		Mineralization	Mild
		Nephropathy	Marked
	[Cyst TGLS = 5-4A]		
	[Hydronephrosis TGLS = 9-4]		
	[Nephropathy TGLS = 4-4+4A]		
* Liver		Degeneration	Cystic, Mild
		Fibrosis	Mild
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 682 HISTO: 915215
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ORGAN AND ACCOUNTABLE SITE STATUS

		Vacuolization Cytoplasmic	Minimal
[Hyperplasia TGLS = 6-6]			
* Lung	Interstitial	Fibrosis	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 3-8]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLS = 10-8A]			
* Preputial Gland		Atrophy	Mild
	Duct	Cyst	Minimal
[Atrophy TGLS = 1-10]			
* Prostate		Inflammation	Chronic, Minimal
* Testes		Atrophy	Mild
		Mineralization	Minimal
[Atrophy TGLS = 2-7]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 721 HISTO: 915216
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	Coagulating Gland	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Mild
	Pulmn Artery	Mineralization	Minimal
* Bone	Cranium	Fibrous Osteodystrophy	Moderate
	Vertebra	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
		Mineralization	Mild
* Intestine Large, Cecum		Inflammation	Acute, Marked
[Inflammation TGLS = 11-5+5A]			
* Intestine Large, Colon		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Marked
		Hydronephrosis	Mild
	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Marked
Note: Hyperplasia, moderate is cystic type.			
[Cyst TGLS = 3-4+4A]			
[Hydronephrosis TGLS = 4-4]			
[Nephropathy TGLS = 2-4+4A]			
* Liver	Centrilobular	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 721 HISTO: 915216
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ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 6,7,10-6+6A] Lymph Node	Iliac Mediastinal Renal Mediastinal Renal Iliac	Fibrosis Inflammation Pigmentation Ectasia Ectasia Ectasia Hemorrhage Hemorrhage Hyperplasia	Moderate Acute, Mild Minimal Mild Minimal Marked Minimal Mild Lymphoid, Mild
[Ectasia TGLS = 8-16] [Hyperplasia TGLS = 5-19] * Lymph Node, Mandibular * Lymph Node, Mesenteric * Nose		Ectasia Ectasia Inflammation Metaplasia Adenoma	Mild Mild Chronic Active, Moderate Squamous, Mild
* Pancreas Note: PANCREATIC ADENOMA ON SLIDE 5. * Parathyroid Gland [Hyperplasia TGLS = 9-2] Peripheral Nerve	Acinus	Hyperplasia Mineralization Radicular Neuropathy	Marked Minimal Mild
* Pituitary Gland * Preputial Gland [Inflammation TGLS = 1-10] * Prostate * Testes	Duct	Cyst Cyst Inflammation Fibrosis Atrophy Inflammation	Minimal Mild Suppurative, Marked Mild Mild Mild
* Thymus	Artery	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 704 HISTO: 915217
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Minimal
		Hemorrhage	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Hemorrhage TGLS = 4-6A]		Vacuolization Cytoplasmic	Marked
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Marked
[Cyst TGLS = 2-10A]			
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122	TRT#: 3	SEX: Male	DAY ON TEST: 704
	DOSE: 200 PPM	DISP: Moribund Sacrifice	HISTO: 915217

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-15B]		Ulcer	Moderate
[Ulcer TGLS = 9-15B]			
* Stomach, Glandular		Ulcer	Marked
[Ulcer TGLS = 8-15A]			
* Testes		Atrophy	Marked
	Artery	Inflammation	Moderate
[Atrophy TGLS = 7-7]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 622

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Spleen	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

Blood Vessel	Pulmn Artery	Mineralization	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
			[Hydronephrosis TGLS = 9-4]
			[Nephropathy TGLS = 4-4]
* Liver	Centrilobular	Degeneration	Moderate
		Inflammation	Acute, Mild
		Pigmentation	Minimal
			[Degeneration TGLS = 5-6]
Lymph Node	Mediastinal	Ectasia	Minimal
	Iliac	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
			[Hemorrhage TGLS = 2-9A]
			[Hemorrhage TGLS = 3-16]
			[Hemorrhage TGLS = 8-3A]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123	TRT#: 3	SEX: Male	DAY ON TEST: 622
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915218

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-17]			
* Lymph Node, Mandibular		Hemorrhage Hyperplasia	Minimal Plasma Cell, Mild
[Hyperplasia TGLS = 1-9]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 7-2]			
* Pituitary Gland		Cyst	Moderate
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 10-10]			
* Testes		Atrophy Mineralization	Minimal Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 548 HISTO: 915219
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
* Lung		Congestion	Moderate
[Congestion TGLS = 3-2+3]			
Lymph Node	Inguinal	Ectasia	Mild
* Pancreas		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Adenoma	
	Duct	Cyst	Moderate
[Cyst TGLS = 5-10A]			
* Skin		Hyperplasia	Squamous, Mild
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 1-16]			
[Squamous Cell Papilloma TGLS = 2-10A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 548
HISTO: 915219

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Mineralization	Minimal
* Testes	Interstit Cell	Hyperplasia	Mild
		Mineralization	Minimal
* Thymus		Atrophy	Mild
		Fibrosis	Marked
		Thymoma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915220

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Inflammation	Acute, Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Degeneration TGLS = 2-6A]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Granulomatous, Minimal
[Infiltration Cellular TGLS = 8-2A]			
Lymph Node	Iliac	Ectasia	Marked
	Mediastinal	Ectasia	Minimal
	Renal	Ectasia	Minimal
	Pancreatic	Hemorrhage	Minimal
	Iliac	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Mild
[Ectasia TGLS = 4-17]			
[Hyperplasia TGLS = 3-16]			
* Pancreas	Acinus	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125	TRT#: 3	SEX: Male	DAY ON TEST: 722
	DOSE: 200 PPM	DISP: Terminal Sacrifice	HISTO: 915220

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PANCREATIC ADENOMAS ON SLIDES 5 & 13.

* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-8]			
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Inflammation	Chronic, Marked
* Seminal Vesicle		Inflammation	Chronic Active, Mild
Skeletal Muscle		Lipoma	
[Lipoma TGLS = 5-18]			
* Stomach, Forestomach		Hyperplasia	Squamous, Marked
[Hyperplasia TGLS = 7-15A]			
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
* Liver		Clear Cell Focus	
	Bile Duct	Cyst	Marked
	Centrilobular	Degeneration	Mild
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Cyst TGLS = 2-6]			
* Lymph Node, Mandibular		Ectasia	Mild
* Pancreas	Acinus	Carcinoma	
[Carcinoma TGLS = 1-9A]			
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Hyperplasia	Moderate
* Testes	Artery	Inflammation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 515

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 3-4]			
* Liver	Centrilobular	Degeneration	Minimal
		Degeneration	Cystic, Minimal
		Fibrosis	Minimal
		Necrosis	Minimal
		Pigmentation	Mild
[Necrosis TGLS = 6-6A]			
* Lung		Inflammation	Chronic, Minimal
[Inflammation TGLS = 9-2A]			
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 4-17]			
[Hyperplasia TGLS = 5-16]			
* Lymph Node, Mesenteric		Ectasia	Minimal
		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-8]			
* Nose	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 515
HISTO: 915222

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 7-8]	Pars Distalis	Adenoma	
* Preputial Gland [Inflammation TGLS = 1-10A]		Inflammation Inflammation	Suppurative, Mild Chronic Active, Marked
* Testes		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 713
HISTO: 915223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Prostate	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea			

MISSING

Coagulating Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
		Thrombosis	Minimal
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	[Leukemia Mononuclear TGLS = 5,6-4+4A+4B]		
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-6]		
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
	[Hemorrhage TGLS = 10-2A]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128	TRT#: 3	SEX: Male	DAY ON TEST: 713
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915223

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-3A]			
[Leukemia Mononuclear TGLS = 8-16]			
[Leukemia Mononuclear TGLS = 4-9A]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Mammary Gland	Duct	Dilatation	Mild
* Nose		Thrombosis	Moderate
* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland		Hemorrhage	Minimal
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 12-10]			
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-3]			
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Forestomach		Hemorrhage	Minimal
		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 11-15+15A]			
* Stomach, Glandular		Erosion	Minimal
		Leukemia Mononuclear	
[Erosion TGLS = 11-15]			
* Testes		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 3

SEX: Male

DAY ON TEST: 447

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hemorrhage	Moderate
		Infarct	Moderate
		Necrosis	Mild
		Thrombosis	Mild
[Hemorrhage TGLS = 3-6+6A]			
[Infarct TGLS = 2-6A]			
* Lymph Node, Mandibular		Congestion	Moderate
		Ectasia	Mild
[Congestion TGLS = 4-9]			
* Nose		Foreign Body	
		Inflammation	Chronic Active, Marked
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Congestion	Mild
[Congestion TGLS = 1-3]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 6-15B]			
* Stomach, Glandular		Erosion	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 447
HISTO: 915224

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 5-15+15A]

* Thymus

Atrophy
Hemorrhage

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 500 HISTO: 915225
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thyroid Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
		Mineralization	Marked
[Mineralization TGLS = 5-13]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Moderate
		Mineralization	Minimal
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
	Artery	Mineralization	Moderate
		Mineralization	Moderate
		Nephropathy	Marked
[Cyst TGLS = 9-4A]			
[Hydronephrosis TGLS = 13-4]			
[Nephropathy TGLS = 4-4+4A]			
* Liver	Centrilobular	Degeneration	Marked
[Degeneration TGLS = 11-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 10-3A]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130	TRT#: 3	SEX: Male	DAY ON TEST: 500
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915225

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 12-2]			
* Pituitary Gland		Cyst	Moderate
* Preputial Gland	Duct	Cyst	Marked
* Stomach, Forestomach		Mineralization	Marked
[Mineralization TGLS = 7-15+15A+15B]			
* Stomach, Glandular		Mineralization	Marked
[Mineralization TGLS = 6-15+15A]			
* Testes		Atrophy	Moderate
		Mineralization	Mild
[Atrophy TGLS = 2-7]			
[Mineralization TGLS = 3-7A]			
* Thymus		Atrophy	Marked
* Trachea		Foreign Body	
* Urinary Bladder	Artery	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 510

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Intestine Small, Jejunum	Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

Blood Vessel [Mineralization TGLS = 5-13+13A]	Aorta	Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
		Nephropathy	Marked
[Cyst TGLS = 4-4A] [Hydronephrosis TGLS = 6-4] [Nephropathy TGLS = 3-4+4A]			
* Liver	Centrilobular	Degeneration	Moderate
		Pigmentation	Minimal
* Lung		Hemorrhage	Minimal
* Nose		Foreign Body	
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 510 HISTO: 915226
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Glandular [Mineralization TGLS = 2-15+15A]		Mineralization	Moderate
* Testes Note: One of pair missing.		Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 494 HISTO: 915227
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Coagulating Gland	* 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, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Eye	Cornea	Ulcer	Marked
[Ulcer TGLS = 7-18]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 9-4]			
[Nephropathy TGLS = 4-4]			
Lacrimal Gland		Atrophy	Mild
* Liver		Necrosis	Minimal
		Pigmentation	Minimal
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 6-2+3]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Minimal
[Ectasia TGLS = 6-17]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 3-9A]			
* Mammary Gland		Hyperplasia	Moderate
* Nose		Foreign Body	
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 494 HISTO: 915227
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Mild
* Skin		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 2-10A]			
* Testes		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 8-16]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 575

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy Fibrous Osteodystrophy	Minimal Moderate
* Heart		Cardiomyopathy Mineralization	Moderate Mild
* Intestine Large, Cecum		Congestion Hemorrhage	Moderate Minimal
[Congestion TGLS = 1-5+5A]			
* Kidney		Cyst Hydronephrosis Nephropathy	Moderate Minimal Marked
[Cyst TGLS = 3-4A] [Nephropathy TGLS = 4-4+4A]			
* Liver	Centrilobular	Degeneration Degeneration Fibrosis	Moderate Cystic, Minimal Minimal
	Bile Duct	Hyperplasia Pigmentation	Minimal Mild
[Degeneration TGLS = 5-6]			
Lymph Node	Renal	Ectasia	Moderate
[Ectasia TGLS = 4-16]			
* Lymph Node, Mandibular		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133	TRT#: 3	SEX: Male	DAY ON TEST: 575
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915228

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-2]			
* Pituitary Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Glandular		Mineralization	Mild
* Testes		Atrophy	Moderate
	Artery	Inflammation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 134 TRT#: 3 SEX: Male DAY ON TEST: 722
 DOSE: 200 PPM DISP: Terminal Sacrifice HISTO: 915229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
		Inflammation	Chronic, Minimal
		Hyperplasia	Moderate
		Adenoma	
		Cyst	Mild
		Atrophy	Marked
		Inflammation	Granulomatous, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 704

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915230

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

MISSING

Coagulating Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Mild
	Artery	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Mineralization	Mild
		Nephropathy	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-4A]		
	[Mineralization TGLS = 3-4+4A]		
* Liver		Degeneration	Cystic, Minimal
		Pigmentation	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Granulomatous, Minimal
	Note: ALV BRON CARC HAS SQUAMOUS METAPLASIA.		
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-3]		
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 704 HISTO: 915230
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Mineralization	Mild
	Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-7]	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Moderate
	[Cyst TGLS = 7-2]		
Tongue		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 5-16]		
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 136	TRT#: 3	SEX: Male	DAY ON TEST: 705
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Marked
[Hydronephrosis TGLS = 5,9-4]			
* Liver		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Moderate
Lymph Node	Iliac	Ectasia	Moderate
	Renal	Ectasia	Mild
	Iliac	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Minimal
[Ectasia TGLS = 7-17]			
[Ectasia TGLS = 6-16]			
[Hemorrhage TGLS = 4-9]			
* Lymph Node, Mesenteric		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-8]			
* Pancreas	Acinus	Adenoma	
Note: PANCREATIC TUMOR IS COMPLETELY AUTOLYTIC.			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Hemorrhage	Moderate
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 705
HISTO: 915231

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-10A]

* Stomach, Glandular

Mineralization

Mild

* Testes

Interstit Cell

Hyperplasia

Mild

Mineralization

Minimal

* Thymus

Atrophy

Marked

Cyst

Mild

* Urinary Bladder

Dilatation

Mild

Hemorrhage

Mild

[Dilatation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 3	SEX: Male	DAY ON TEST: 561
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Marked
* Kidney		Cyst	Moderate
		Hydronephrosis	Mild
		Nephropathy	Marked
	Vein	Thrombosis	Mild
[Cyst TGLS = 1,9-4A]			
[Hydronephrosis TGLS = 8-4]			
[Nephropathy TGLS = 2-4+4A]			
* Liver	Centrilobular	Degeneration	Mild
		Fibrosis	Moderate
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Necrosis	Mild
		Pigmentation	Mild
[Degeneration TGLS = 5-6+6A+6B]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 561 HISTO: 915232
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 4-6B] [Necrosis TGLS = 3-6A] Lymph Node	Mediastinal Mediastinal	Congestion Hemorrhage	Moderate Mild
[Congestion TGLS = 6-3A] * Lymph Node, Mesenteric * Preputial Gland	Duct	Hemorrhage Cyst Inflammation	Minimal Moderate Suppurative, Moderate
* Prostate * Stomach, Glandular		Inflammation Hyperplasia Mineralization	Chronic Active, Minimal Mild Minimal
[Hyperplasia TGLS = 7-15] * Thymus		Atrophy Hemorrhage	Moderate Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 588 HISTO: 915233
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Lung		Hemorrhage	Minimal
Lymph Node	Renal	Hemorrhage	Mild
	Iliac	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-17]			
[Hyperplasia TGLS = 2-16]			
* Preputial Gland	Duct	Cyst	Marked
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Cyst TGLS = 4-4A]		
	[Nephropathy TGLS = 3-4+4A]		
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
* Lung		Hemorrhage	Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
* Pancreas		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-8]		
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO: 915235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
<p>Note: Hyperplasia, mild is cystic type. [Cyst TGLS = 5-4] [Nephropathy TGLS = 1-4]</p>			
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Mild
		Eosinophilic Focus	
	Bile Duct	Fibrosis	Minimal
		Hyperplasia	Minimal
		Pigmentation	Mild
<p>[Clear Cell Focus TGLS = 3-6A] [Degeneration TGLS = 4-6+6A]</p>			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
<p>[Ectasia TGLS = 2-16]</p>			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915235

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Artery	Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 660

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Coagulating Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 2-4]			
[Nephropathy TGLS = 1-4]			
* Liver		Congestion	Moderate
	Centrilobular	Degeneration	Minimal
	Periportal	Fibrosis	Mild
		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Marked
		Pigmentation	Mild
[Congestion TGLS = 4-6+6A+6B]			
[Hyperplasia TGLS = 3-6+6A+6B]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Mild
	Duct	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 660 HISTO: 915236
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
* Testes	Interstit Cell	Adenoma	
	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 3

SEX: Male

DAY ON TEST: 688

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
	Metatarsal	Fibrous Osteodystrophy	Moderate
		Hyperplasia	Marked
	[Hyperplasia TGLS = 1-17]		
* Heart	Atrium	Cardiomyopathy	Moderate
		Thrombosis	Marked
	[Thrombosis TGLS = 9-13]		
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
	[Hydronephrosis TGLS = 4-4]		
	[Nephropathy TGLS = 3-4]		
* Liver	Bile Duct	Fibrosis	Mild
		Hyperplasia	Moderate
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Moderate
	[Hyperplasia TGLS = 5-6+6A]		
	[Vacuolization Cytoplasmic TGLS = 6-6+6A]		
* Lung	Interstitialium	Fibrosis	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 688 HISTO: 915237
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
[Ectasia TGLS = 8-16]			
* Parathyroid Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Mild
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 143 TRT#: 3 SEX: Male DAY ON TEST: 675
 DOSE: 200 PPM DISP: Natural Death HISTO: 915238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Blood Vessel	Aorta	Mineralization	Marked
[Mineralization TGLS = 8-13+13A]			
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Moderate
		Osteosclerosis	Mild
* Heart		Cardiomyopathy	Marked
	Artery	Mineralization	Moderate
		Mineralization	Minimal
* Kidney		Hydronephrosis	Mild
	Artery	Mineralization	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 5-6-4+4A]			
* Liver	Centrilobular	Degeneration	Mild
		Pigmentation	Minimal
[Degeneration TGLS = 7-6]			
* Lung	Interstitium	Fibrosis	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Lymph Node, Mandibular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 675 HISTO: 915238
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ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland [Carcinoma TGLS = 1-10A]	Duct	Carcinoma Dilatation	Mild
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pancreas [Inflammation TGLS = 3-9+9A]	Artery Artery	Inflammation Mineralization	Moderate Marked
* Parathyroid Gland [Hyperplasia TGLS = 9-2]		Hyperplasia	Marked
* Pituitary Gland [Adenoma TGLS = 10-8]	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach [Mineralization TGLS = 4-15A]		Mineralization	Marked
* Stomach, Glandular [Mineralization TGLS = 4-15+15A]	Artery	Mineralization Mineralization	Moderate Marked
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma Mineralization	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 481

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-8A]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Degeneration	Minimal
	Centrilobular	Necrosis	Moderate
		Necrosis	Mild
* Lung		Hemorrhage	Minimal
		Necrosis	Minimal
* Pancreas		Edema	Mild
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Cyst	Minimal
		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 630 HISTO: 915240
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Epididymis	* Testes
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

Blood Vessel	Pulmn Artery	Mineralization	Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Mild
		Mineralization	Mild
[Mineralization TGLS = 5-13]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Moderate
		Mineralization	Mild
		Necrosis	Mild
		Pigmentation	Minimal
[Infiltration Cellular TGLS = 3-6]			
Lymph Node	Inguinal	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 630 HISTO: 915240
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-9A] [Hyperplasia TGLS = 6-16] * Lymph Node, Mesenteric * Nose * Pancreas	Inguinal Respirat Epith Acinus	Infiltration Cellular Hemorrhage Hyperplasia Adenoma Atrophy Inflammation	Histiocyte, Mild Mild Minimal Multiple Mild Moderate
[Inflammation TGLS = 1-9A] * Parathyroid Gland [Hyperplasia TGLS = 4-2] * Pituitary Gland * Preputial Gland * Salivary Glands * Stomach, Forestomach	Artery Duct Duct	Hyperplasia Cyst Cyst Cyst Hyperplasia Inflammation	Moderate Minimal Moderate Minimal Squamous, Minimal Chronic, Minimal
[Hyperplasia TGLS = 7-15A] * Thymus * Thyroid Gland	Follicular Cel	Atrophy Adenoma	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 146	TRT#: 3	SEX: Male	DAY ON TEST: 631
	DOSE: 200 PPM	DISP: Natural Death	HISTO: 915241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Islets, Pancreatic	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 5-4]			
* Liver		Congestion	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Eosinophilic Focus TGLS = 3-6A]		Vacuolization Cytoplasmic	Minimal
[Hyperplasia TGLS = 6-6B]			
* Lung		Hemorrhage	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-2]			
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-10]			
* Testes		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 479

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO: 915242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus		Foreign Body	
[Foreign Body TGLS = 4-2]			
* Heart	Artery	Cardiomyopathy	Moderate
		Mineralization	Mild
		Mineralization	Mild
* Kidney		Hydronephrosis	Mild
		Mineralization	Mild
[Hydronephrosis TGLS = 2-4]		Nephropathy	Mild
[Nephropathy TGLS = 1-4]			
* Liver		Pigmentation	Minimal
* Nose		Foreign Body	
		Inflammation	Acute, Moderate
	Olfactory Epi	Metaplasia	Mild
		Ulcer	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Forestomach		Foreign Body	
		Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 479
HISTO: 915242

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-15]

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 664 HISTO: 915243
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

Blood Vessel [Mineralization TGLS = 12-13]	Aorta	Mineralization	Moderate
* Bone	Cranium	Fibrous Osteodystrophy	Marked
		Fibrous Osteodystrophy	Marked
* Heart		Cardiomyopathy	Marked
		Mineralization	Moderate
* Kidney		Cyst	Marked
		Nephropathy	Marked
[Cyst TGLS = 6-4+4A]			
[Nephropathy TGLS = 5-4+4A]			
* Liver	Centrilobular	Degeneration	Moderate
		Fibrosis	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Mild
[Degeneration TGLS = 8-6+6A+6B]			
[Hepatodiaphragmatic Nodule TGLS = 7-6A]			
[Hyperplasia TGLS = 9-6+6B]			
* Lung	Interstitium	Fibrosis	Minimal
		Hemorrhage	Mild
Lymph Node	Renal	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 664 HISTO: 915243
ORGAN AND ACCOUNTABLE SITE STATUS			
	Renal	Hemorrhage	Marked
[Hemorrhage TGLS = 10-16]			
* Pancreas	Artery	Inflammation	Moderate
[Inflammation TGLS = 2-8]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 11-2]			
* Preputial Gland	Duct	Cyst Inflammation	Mild Suppurative, Mild
[Inflammation TGLS = 1-10]			
* Stomach, Forestomach		Mineralization	Marked
[Mineralization TGLS = 3-15A]			
* Stomach, Glandular		Mineralization	Mild
[Mineralization TGLS = 4-15+15B]			
* Testes	Artery	Inflammation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 473

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Inflammation	Acute, Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
		[Hydronephrosis TGLS = 2-4]	
		[Nephropathy TGLS = 1-4]	
* Liver	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Mineralization	Minimal
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Mild
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Nose		Foreign Body	
		Inflammation	Acute, Marked
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3
DOSE: 200 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 473
HISTO: 915244

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
* Thymus

Mineralization
Atrophy

Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 645

DOSE: 200 PPM

DISP: Natural Death

HISTO: 915245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 11-4]			
[Nephropathy TGLS = 2-4]			
* Liver	Bile Duct	Cyst	Moderate
		Mineralization	Minimal
	Centrilobular	Necrosis	Marked
[Cyst TGLS = 3-6A]			
[Necrosis TGLS = 4-6+6A]			
* Lung		Hemorrhage	Minimal
Lymph Node	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-16]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 1-9]			
* Nose		Inflammation	Acute, Minimal
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 7-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150	TRT#: 3 DOSE: 200 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 645 HISTO: 915245
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 9-8]	Pars Distalis	Adenoma	
* Preputial Gland Skeletal Muscle [Fibroma TGLS = 8-17]	Duct	Cyst Fibroma	Mild
* Stomach, Glandular [Hemorrhage TGLS = 10-15A]		Hemorrhage	Marked
* Testes	Artery	Inflammation	Mild
* Thymus		Hemorrhage	Minimal
* Thyroid Gland [Carcinoma TGLS = 6-2]	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 4

SEX: Male

DAY ON TEST: 709

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Coagulating Gland	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex [Carcinoma TGLS = 3-8]		Carcinoma	
* Bone	Mandible	Hyperplasia	Moderate
* Heart	Endocardium	Cardiomyopathy	Mild
	Atrium	Schwannoma Benign	
		Thrombosis	Moderate
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Acute, Minimal
* Lung		Congestion	Mild
		Fibrosarcoma	Metastatic (Skin)
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 709 HISTO: 915146
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 8-10]			
* Skin	Subcut Tiss	Fibrosarcoma Inflammation	Suppurative, Marked
[Fibrosarcoma TGLS = 1-10A+10B]			
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7+7A]			
* Thymus		Atrophy	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 587 HISTO: 915147
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Congestion	Moderate
		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
[Congestion TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Congestion	Mild
* Pancreas		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate
		Hyperplasia	Squamous, Moderate
[Cyst TGLS = 1-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 153 TRT#: 4 SEX: Male DAY ON TEST: 722
 DOSE: 400 PPM DISP: Terminal Sacrifice HISTO: 915148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Minimal
		Nephropathy	Marked
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Marked
		Pigmentation	Mild
[Clear Cell Focus TGLS = 1-6+6A]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas	Acinus	Adenoma	
* Preputial Gland	Duct	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 154

TRT#: 4

SEX: Male

DAY ON TEST: 539

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Histiocytic Sarcoma	
		Nephropathy	Mild
* Liver		Histiocytic Sarcoma	
		Pigmentation	Minimal
		[Histiocytic Sarcoma TGLS = 5,6-6+6A]	
* Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
		[Hemorrhage TGLS = 7-2+2A+3]	
		[Histiocytic Sarcoma TGLS = 8-2+2A+3]	
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 3-9]	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Histiocytic Sarcoma	
* Nose	Artery	Thrombosis	Moderate
* Preputial Gland	Duct	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154	TRT#: 4	SEX: Male	DAY ON TEST: 539
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915149

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 4-3]	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular [Erosion TGLS = 9-15+15A]	Erosion	Moderate
* Testes [Congestion TGLS = 1-7]	Atrophy Congestion	Mild Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 155 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 722
DOSE: 400 PPM **DISP:** Terminal Sacrifice **HISTO:** 915150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	Coagulating Gland
* 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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone	Periosteum	Hyperplasia	Marked
[Hyperplasia TGLS = 7-10A]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Minimal
[Nephropathy TGLS = 3-4]		Nephropathy	Moderate
* Liver	Centrilobular	Clear Cell Focus	
	Bile Duct	Degeneration	Moderate
		Hyperplasia	Mild
[Clear Cell Focus TGLS = 6-6+6A]		Pigmentation	Mild
[Degeneration TGLS = 5-6+6A]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland	Duct	Dilatation	Mild
* Pituitary Gland		Congestion	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Hyperplasia	Minimal
* Skin		Basal Cell Carcinoma	
		Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155	TRT#: 4	SEX: Male	DAY ON TEST: 722
	DOSE: 400 PPM	DISP: Terminal Sacrifice	HISTO: 915150

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Carcinoma TGLS = 8-10B] [Inflammation TGLS = 7-10A]		Inflammation	Chronic, Moderate
* Testes	Artery	Inflammation	Moderate
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 722
DOSE: 400 PPM **DISP:** Terminal Sacrifice **HISTO:** 915151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Minimal
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Minimal
		Pigmentation	Minimal
[Clear Cell Focus TGLS = 4-6+6A]			
* Lung		Inflammation	Granulomatous, Mild
Lymph Node	Renal	Hemorrhage	Mild
[Hemorrhage TGLS = 5-16]			
* Lymph Node, Mandibular		Ectasia	Marked
[Ectasia TGLS = 2-9]			
* Nose		Inflammation	Chronic Active, Marked
* Pancreas	Acinus	Adenoma	
		Hyperplasia	Marked
* Pituitary Gland		Cyst	Mild
		Hypertrophy	Minimal
* Preputial Gland	Duct	Cyst	Minimal
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915151

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 1-10A]

* Testes

Atrophy

Minimal

* Thymus

Hyperplasia

Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 4

SEX: Male

DAY ON TEST: 595

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Coagulating Gland
* 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	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Congestion	Marked
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-8]			
* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-4]			
* Liver	Centrilobular	Degeneration	Moderate
	Centrilobular	Necrosis	Moderate
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lymph Node, Mesenteric		Atrophy	Moderate
		Hemorrhage	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-8A]			
* Preputial Gland	Duct	Cyst	Minimal
* Salivary Glands		Atrophy	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
* Testes		Atrophy	Marked
[Atrophy TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 595
HISTO: 915152

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 4

SEX: Male

DAY ON TEST: 443

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Esophagus		Foreign Body	
[Foreign Body TGLS = 2-2]			
* Heart		Cardiomyopathy	Marked
* Kidney		Congestion	Marked
		Nephropathy	Marked
[Nephropathy TGLS = 1-4]			
* Liver	Centrilobular	Congestion	Marked
		Degeneration	Mild
		Fibrosis	Moderate
		Pigmentation	Minimal
* Lymph Node, Mandibular		Congestion	Moderate
[Congestion TGLS = 3-9]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose		Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst	Marked
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 4

SEX: Male

DAY ON TEST: 443

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915153

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 606

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
	Pulmn Artery	Mineralization	Mild
[Mineralization TGLS = 7-3]			
* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Marked
[Cyst TGLS = 3-4+4A]			
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Moderate
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
[Degeneration TGLS = 4-6]			
* Lung		Congestion	Mild
[Congestion TGLS = 6-2+3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159	TRT#: 4	SEX: Male	DAY ON TEST: 606
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915154

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 5-2]			
* Preputial Gland	Duct	Cyst	Minimal
* Stomach, Forestomach		Cyst	Mild
[Cyst TGLS = 8-15B]			
* Stomach, Glandular		Erosion	Moderate
		Mineralization	Moderate
[Erosion TGLS = 8-15A+15B]			
[Mineralization TGLS = 1-15+15A+15B]			
* Testes	Artery	Atrophy	Minimal
		Inflammation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 4

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 915155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Joint	Fibrosis	Moderate
	Joint	Inflammation	Chronic, Marked
	Vertebra	Inflammation	Chronic, Marked
	Joint	Sarcoma	
	[Fibrosis TGLS = 7-11]		
	[Inflammation TGLS = 1-10C]		
* Heart	Artery	Cardiomyopathy	Mild
		Inflammation	Acute, Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Cyst TGLS = 5-4]		
* Liver	Centrilobular	Clear Cell Focus	
		Degeneration	Minimal
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
	[Mixed Cell Focus TGLS = 6-6A]		
	[Vacuolization Cytoplasmic TGLS = 6-6A]		
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915155
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Adenoma TGLS = 8-9]	Acinus	Adenoma	
* Preputial Gland [Cyst TGLS = 4-10]	Duct	Cyst	Marked
* Skin [Fibroma TGLS = 2,3-10A+10B]	Subcut Tiss	Fibroma	Multiple
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Hyperplasia	Squamous, Minimal
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161	TRT#: 4	SEX: Male	DAY ON TEST: 450
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 3-4]			
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Mild
		Fibrosis	Minimal
	Centrilobular	Necrosis	Marked
		Pigmentation	Minimal
[Necrosis TGLS = 1-6]			
* Lymph Node, Mandibular		Congestion	Mild
[Congestion TGLS = 4-9]			
* Preputial Gland	Duct	Cyst	Marked
* Thymus		Atrophy	Minimal
		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 162

TRT#: 4

SEX: Male

DAY ON TEST: 674

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Coagulating Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Mild
		Nephropathy	Moderate
[Hydronephrosis TGLS = 9-4]			
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Marked
	Periportal	Fibrosis	Moderate
		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Cyst TGLS = 6-6A]			
[Fibrosis TGLS = 8-6+6A]			
[Hyperplasia TGLS = 7-6B]			
[Vacuolization Cytoplasmic TGLS = 7-6B]			
Lymph Node	Renal	Ectasia	Mild
	Iliac	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 162	TRT#: 4	SEX: Male	DAY ON TEST: 674
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915157

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	[Ectasia TGLS = 10-17]		
	[Hemorrhage TGLS = 11-3A]		
	[Hemorrhage TGLS = 4-16]		
	[Hemorrhage TGLS = 5-9]		
* Lymph Node, Mandibular		Ectasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 12-8]		
* Preputial Gland	Duct	Cyst	Mild
	[Cyst TGLS = 1-10]		
* Prostate		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 3-14]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Marked
	[Hyperplasia TGLS = 14-15+15B]		
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 13-15+15A]		
* Testes		Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 163 TRT#: 4 SEX: Male DAY ON TEST: 682
 DOSE: 400 PPM DISP: Natural Death HISTO: 915158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Congestion	Moderate
		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 1-4]			
* Liver		Congestion	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Pigmentation	Mild
[Hyperplasia TGLS = 2-6A]			
* Pancreas		Hyperplasia	Mild
* Pituitary Gland		Congestion	Mild
		Cyst	Mild
[Congestion TGLS = 3-8]			
* Preputial Gland	Duct	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 499 HISTO: 915159
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
	Pulmn Artery	Mineralization	Marked
[Mineralization TGLS = 4-13]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Inflammation	Acute, Mild
* Kidney		Cyst	Marked
	Renal Tubule	Hyperplasia	Moderate
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 5-4A]			
[Nephropathy TGLS = 1-4+4A]			
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Mild
[Degeneration TGLS = 2-6]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
[Hemorrhage TGLS = 3-16]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 499 HISTO: 915159
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 8-10]	Duct	Cyst	Marked
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 550 HISTO: 915160
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
	[Mineralization TGLS = 8-13+13A]		
* Intestine Large, Colon		Mineralization	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Marked
	[Cyst TGLS = 4-4A]		
	[Nephropathy TGLS = 3-4+4A]		
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Mild
		Fibrosis	Moderate
		Mineralization	Marked
		Pigmentation	Mild
	[Mineralization TGLS = 5,6-6+6A]		
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLS = 2-9A]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
	[Hemorrhage TGLS = 1-8]		
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 550 HISTO: 915160
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ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland [Hyperplasia TGLS = 7-2]		Hyperplasia	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Testes	Interstit Cell	Hyperplasia	Marked
		Mineralization	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 4

SEX: Male

DAY ON TEST: 486

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Urinary Bladder
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Marked
* Bone	Cranium	Fibrous Osteodystrophy	Mild
		Fibrous Osteodystrophy	Moderate
Coagulating Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 11-4A]			
[Nephropathy TGLS = 3-4+4A]			
* Liver	Bile Duct	Cyst	Moderate
	Centrilobular	Degeneration	Marked
		Mineralization	Mild
		Necrosis	Mild
[Cyst TGLS = 6-6]			
[Degeneration TGLS = 5-6]			
* Lung	Interstitium	Fibrosis	Mild
		Hemorrhage	Marked
[Hemorrhage TGLS = 10-2+2A]			
Lymph Node	Iliac	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 486
HISTO: 915161

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
	Iliac	Hyperplasia	Plasma Cell, Mild
	Pancreatic	Hyperplasia	Plasma Cell, Moderate
	[Ectasia TGLS = 7-16]		
	[Ectasia TGLS = 4-17]		
	[Hemorrhage TGLS = 9-3]		
	[Hyperplasia TGLS = 2-9A]		
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 8-2]			
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Inflammation	Chronic, Mild
* Stomach, Glandular		Mineralization	Moderate
[Mineralization TGLS = 12-15+15A]			
* Testes	Artery	Inflammation	Mild
* Thymus		Atrophy	Marked
		Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915162
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Congestion	Mild
	Centrilobular	Degeneration	Mild
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Congestion TGLS = 3-6+6A+6B]			
[Degeneration TGLS = 2-6+6A+6B]			
Lymph Node	Mediastinal	Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Duct	Cyst	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 168 TRT#: 4 SEX: Male DAY ON TEST: 685
 DOSE: 400 PPM DISP: Natural Death HISTO: 915163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Cyst	Minimal
		Nephropathy	Moderate
[Carcinoma TGLS = 9-4A+4B]			
[Cyst TGLS = 8-4]			
* Liver		Congestion	Marked
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Minimal
[Congestion TGLS = 7-6]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 12-2A]			
Lymph Node	Iliac	Hemorrhage	Moderate
	Inguinal	Hemorrhage	Marked
	Mediastinal	Hemorrhage	Marked
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 4

SEX: Male

DAY ON TEST: 685

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915163

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-16]

[Hemorrhage TGLS = 10-17]

[Hemorrhage TGLS = 11-3+3A]

[Hemorrhage TGLS = 4-9A]

* Lymph Node, Mesenteric

Hemorrhage

Minimal

[Hemorrhage TGLS = 3-8]

* Preputial Gland

Duct

Cyst

Mild

[Cyst TGLS = 1-10]

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169	TRT#: 4	SEX: Male	DAY ON TEST: 532
	DOSE: 400 PPM	DISP: Moribund Sacrifice	HISTO: 915164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8A]			
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 170	TRT#: 4	SEX: Male	DAY ON TEST: 531
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Spleen	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
	[Hydronephrosis TGLS = 3-4]		
	[Nephropathy TGLS = 2-4]		
* Liver	Centrilobular	Degeneration	Minimal
	Periportal	Fibrosis	Moderate
	Centrilobular	Necrosis	Moderate
		Pigmentation	Moderate
	[Fibrosis TGLS = 1-6]		
* Lung		Hemorrhage	Minimal
* Preputial Gland	Duct	Cyst	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 5-15A]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 4-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 4

SEX: Male

DAY ON TEST: 467

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
	[Hydronephrosis TGLS = 3-4]		
* Liver	Centrilobular	Congestion	Moderate
		Necrosis	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	[Ectasia TGLS = 2-3A]		
* Lymph Node, Mandibular		Congestion	Mild
		Ectasia	Mild
		Hyperplasia	Plasma Cell, Marked
	[Congestion TGLS = 4-9]		
* Nose		Foreign Body	
		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Mild
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 467 HISTO: 915166
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-15+15A]

* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 568
HISTO: 915167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Marked
* Liver		Congestion	Moderate
	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Centrilobular	Necrosis	Moderate
		Pigmentation	Marked
[Congestion TGLS = 5-6+6A]			
[Necrosis TGLS = 6-6A]			
Lymph Node	Mediastinal	Congestion	Moderate
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Moderate
	Iliac	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Congestion TGLS = 8-19]			
[Hemorrhage TGLS = 7-18]			
[Hyperplasia TGLS = 4-17]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172	TRT#: 4	SEX: Male	DAY ON TEST: 568
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915167

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-16]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-8]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	
[Adenoma TGLS = 4-17]			
* Pituitary Gland		Hemorrhage	Minimal
* Preputial Gland	Duct	Cyst	Minimal
* Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 9-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: 915168
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Intestine Small, Jejunum		Inflammation	Chronic, Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 4-4]			
* Liver	Centrilobular	Clear Cell Focus	Minimal
		Degeneration	Cystic, Minimal
		Degeneration	Minimal
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Fibrosis TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Adenoma	
		Cyst	Mild
[Adenoma TGLS = 1-10A]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 4

SEX: Male

DAY ON TEST: 687

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* Epididymis	* Esophagus	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
		Thrombosis	Moderate
* Bone	Joint	Arthrosis	Marked
[Arthrosis TGLS = 1,7-10B+10C]			
* Heart		Cardiomyopathy	Marked
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 9-4]			
* Liver	Centrilobular	Degeneration	Moderate
	Periportal	Fibrosis	Moderate
		Fibrosis	Moderate
	Centrilobular	Necrosis	Mild
		Pigmentation	Minimal
		Regeneration	Mild
[Degeneration TGLS = 3-6]			
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-3A]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 687 HISTO: 915169
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-8] * Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 8-10] * Skin		Hyperplasia Keratoacanthoma	Squamous, Moderate
[Hyperplasia TGLS = 2-10A] [Keratoacanthoma TGLS = 2-10A] * Stomach, Glandular		Mineralization	Mild
* Testes	Artery	Inflammation	Moderate
		Mineralization	Minimal
* Thymus		Atrophy	Moderate
Zymbal's Gland [Carcinoma TGLS = 5-16]		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 4

SEX: Male

DAY ON TEST: 631

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	Spinal Cord	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Carcinoma	
* Kidney		Cyst	Mild
	[Nephropathy TGLS = 3-4]	Nephropathy	Moderate
* Liver		Clear Cell Focus	
	[Congestion TGLS = 4-6]	Congestion	Mild
		Degeneration	Cystic, Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Lymph Node, Mesenteric		Hemangioma	
		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-10A]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-16]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Hyperplasia	Marked
Peripheral Nerve		Radicular Neuropathy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 4

SEX: Male

DAY ON TEST: 631

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915170

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 6-8]

* Preputial Gland	Duct	Cyst	Moderate
* Prostate		Fibrosis	Mild
* Skin		Ulcer	Moderate
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Ulcer	Moderate

[Ulcer TGLS = 5-15A]

* Thymus		Atrophy	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 4

SEX: Male

DAY ON TEST: 511

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
[Hydronephrosis TGLS = 3-4]			
* Liver		Congestion	Moderate
	Centrilobular	Degeneration	Moderate
		Fibrosis	Mild
	Centrilobular	Necrosis	Mild
		Pigmentation	Moderate
[Degeneration TGLS = 2-6]			
Lymph Node	Renal	Ectasia	Marked
	Renal	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
[Ectasia TGLS = 4,5-16]			
[Hyperplasia TGLS = 1-9]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 511 HISTO: 915171
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-8]			
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic, Mild
* Testes	Artery	Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 177	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 616 HISTO: 915172
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Lung	* Mammary Gland	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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AUTO PRECLUDES DIAG.

Coagulating Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Seminal Vesicle	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Marked
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 5-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Marked
	Vein	Thrombosis	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Marked
		Fibrosis	Minimal
		Hemorrhage	Minimal
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Degeneration TGLS = 3-6+6A+6B]			
[Hemorrhage TGLS = 4-6]			
[Hyperplasia TGLS = 6-6B]			
Lymph Node	Mediastinal	Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 616 HISTO: 915172
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen [Fibrosis TGLS = 1-3]		Fibrosis	Mild
* Stomach, Glandular [Erosion TGLS = 7-15A]		Erosion	Moderate
* Testes		Atrophy	Mild
	Artery	Inflammation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 4

SEX: Male

DAY ON TEST: 489

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular	Congestion	Moderate
		Degeneration	Moderate
		Fibrosis	Mild
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 6-6+6A]			
Lymph Node	Renal	Ectasia	Moderate
	Pancreatic	Hemorrhage	Mild
[Ectasia TGLS = 5-16]			
[Hemorrhage TGLS = 3-9A]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Ectasia	Minimal
		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-8]			
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland		Hyperplasia	Marked
* Preputial Gland	Duct	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 489
HISTO: 915173

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-10]

* Testes	Interstit Cell	Adenoma	
* Thymus		Cyst	Minimal
		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 4

SEX: Male

DAY ON TEST: 468

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915174

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

MISSING

Coagulating Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Congestion	Marked
	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 7-6+6A]			
Lymph Node	Mediastinal	Ectasia	Minimal
	Iliac	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Iliac	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Mild
[Hemorrhage TGLS = 4-3A]			
[Hemorrhage TGLS = 5-9]			
[Hyperplasia TGLS = 2-17]			
[Hyperplasia TGLS = 3-16]			
* Preputial Gland	Duct	Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 468
HISTO: 915174

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Ulcer TGLS = 1-10A]	Ulcer	Marked
* Stomach, Forestomach [Hyperplasia TGLS = 8-15+15A]	Foreign Body Hyperplasia Inflammation	Squamous, Marked Chronic Active, Moderate
* Thymus	Atrophy Hemorrhage	Moderate Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 4

SEX: Male

DAY ON TEST: 94

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Metacarpal	Inflammation	Chronic Active, Marked
	Metatarsal	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-17]			
[Inflammation TGLS = 1-16]			
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 3-9]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Mammary Gland		Hyperplasia	Moderate
* Nose	Respirat Epith	Hyperplasia	Moderate
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 181	TRT#: 4	SEX: Male	DAY ON TEST: 545
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Marked
		Nephropathy	Moderate
[Cyst TGLS = 2-4A]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Marked
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Necrosis TGLS = 4-6]			
Lymph Node	Mediastinal	Ectasia	Minimal
	Pancreatic	Ectasia	Minimal
	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-9A]			
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181	TRT#: 4	SEX: Male	DAY ON TEST: 545
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915176

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-9B]			
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Atrophy	Moderate
		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 182

TRT#: 4

SEX: Male

DAY ON TEST: 552

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thyroid Gland	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Jejunum
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OBSERVATIONS

* Epididymis	Epithelium	Hyperplasia	Mild
* Esophagus	Muscularis	Degeneration	Mild
[Degeneration TGLS = 5-2]			
* Heart		Cardiomyopathy	Mild
	Artery	Mineralization	Moderate
		Mineralization	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Cholangiocarcinoma	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
[Cholangiocarcinoma TGLS = 6-6]			
* Lung		Hemorrhage	Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 3-3]			
* Nose		Inflammation	Acute, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 182	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 552 HISTO: 915177
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-10]	Duct	Cyst	Marked
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Stomach, Glandular	Artery	Mineralization	Minimal
* Thymus		Hemorrhage	Minimal
* Trachea		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 183

TRT#: 4

SEX: Male

DAY ON TEST: 466

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Mild
* Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Mild
		Lymphoma Malignant	
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-9A]			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Fibrosis	Mild
		Foreign Body	
		Hyperplasia	Squamous, Marked
[Hyperplasia TGLS = 6-15A]		Ulcer	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4,5-3]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 3-16]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184

TRT#: 4

SEX: Male

DAY ON TEST: 556

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 2-4A]			
* Liver	Centrilobular	Degeneration	Minimal
		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Moderate
		Pigmentation	Moderate
		Regeneration	Mild
[Degeneration TGLS = 4-6A]			
[Fibrosis TGLS = 1,4-6+6A]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Minimal
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 185

TRT#: 4

SEX: Male

DAY ON TEST: 629

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Marked
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Moderate
	Periportal	Fibrosis	Mild
		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Moderate
		Pigmentation	Mild
[Degeneration TGLS = 3-6]			
[Hyperplasia TGLS = 5-6+6A]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Minimal
* Testes	Artery	Inflammation	Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 185	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 629 HISTO: 915180
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hemorrhage Adenoma	Moderate
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186

TRT#: 4

SEX: Male

DAY ON TEST: 493

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Congestion	Mild
	Centrilobular	Degeneration	Mild
		Fibrosis	Minimal
		Pigmentation	Mild
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 3-15A]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-7A]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 683 HISTO: 915182
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-4]		
* Liver	Centrilobular	Degeneration	Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
	[Degeneration TGLS = 5,6-6]		
	[Vacuolization Cytoplasmic TGLS = 6-6]		
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
	[Carcinoma TGLS = 8-2A]		
* Lymph Node, Mandibular		Ectasia	Marked
	[Ectasia TGLS = 1-9]		
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Mild
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Minimal
Zymbal's Gland		Carcinoma	
	[Carcinoma TGLS = 2-17]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 4

SEX: Male

DAY ON TEST: 683

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO: 915182

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 188

TRT#: 4

SEX: Male

DAY ON TEST: 553

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
Coagulating 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	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4,5-8]			
* Epididymis	Artery	Inflammation	Mild
* Heart		Cardiomyopathy	Mild
	Atrium	Dilatation	Moderate
[Dilatation TGLS = 6-13]			
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Degeneration	Mild
	Periportal	Fibrosis	Mild
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
[Degeneration TGLS = 2-6]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hemorrhage	Mild
	Renal	Hyperplasia	Lymphoid, Mild
[Ectasia TGLS = 3-16]			
* Lymph Node, Mesenteric		Ectasia	Minimal
		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 188

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 553
HISTO: 915183

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]

* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Cyst	Moderate
* Testes	Interstit Cell	Hyperplasia	Moderate
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:21
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 4

SEX: Male

DAY ON TEST: 463

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Colon	* 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	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Ulcer	Minimal
* Intestine Large, Rectum		Ulcer	Minimal
* Kidney	Renal Tubule	Cyst	Mild
		Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 5-4]			
* Liver	Centrilobular	Degeneration	Moderate
		Fibrosis	Minimal
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate
		Pigmentation	Moderate
[Degeneration TGLS = 4-6]			
Lymph Node	Mediastinal	Ectasia	Mild
	Renal	Ectasia	Marked
	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 3-17]			
[Hemorrhage TGLS = 6-3A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189	TRT#: 4	SEX: Male	DAY ON TEST: 463
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915184

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-9]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Artery	Inflammation	Marked
[Inflammation TGLS = 2-16]			
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:22
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 190

TRT#: 4

SEX: Male

DAY ON TEST: 658

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Marked
	Vein	Thrombosis	Moderate
[Cyst TGLS = 8-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Cholangiofibrosis	Mild
		Congestion	Moderate
	Bile Duct	Cyst	Mild
	Centrilobular	Degeneration	Marked
		Eosinophilic Focus	
		Fibrosis	Mild
		Pigmentation	Minimal
[Cholangiofibrosis TGLS = 5-6A]			
[Congestion TGLS = 6-6]			
[Degeneration TGLS = 4-6+6A]			
[Fibrosis TGLS = 5-6]			
Lymph Node	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 7-16]			
* Lymph Node, Mandibular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190	TRT#: 4	SEX: Male	DAY ON TEST: 658
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915185

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-9]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Hyperplasia	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
[Hyperplasia TGLS = 8-15A]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 660 HISTO: 915186
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Esophagus		Inflammation	Acute, Marked
		Ulcer	Mild
[Inflammation TGLS = 5-2+2A]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Inflammation	Acute, Minimal
		Mineralization	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 7-4]			
[Nephropathy TGLS = 2-4]			
* Liver	Centrilobular	Degeneration	Mild
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Cyst	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 660 HISTO: 915186
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-8]			
* Preputial Gland	Duct	Cyst	Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-15A]			
* Testes	Artery	Inflammation	Minimal
* Thymus		Atrophy	Marked
		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192

TRT#: 4

SEX: Male

DAY ON TEST: 483

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Marked
		Nephropathy	Marked
	[Hydronephrosis TGLS = 3,4-4]		
	[Nephropathy TGLS = 2-4]		
* Liver		Congestion	Moderate
	Centrilobular	Degeneration	Moderate
		Mineralization	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Minimal
	[Degeneration TGLS = 5-6]		
* Nose	Respirat Epith	Hyperplasia	Moderate
* Pancreas		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-8]		
* Preputial Gland	Duct	Cyst	Mild
* Testes	Interstit Cell	Hyperplasia	Marked
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193

TRT#: 4

SEX: Male

DAY ON TEST: 580

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	Lymph Node
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

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

* Heart		Cardiomyopathy	Moderate
	Valve	Inflammation	Mild
	Atrium	Thrombosis	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: Hyperplasia, minimal was cystic type.			
[Cyst TGLS = 3-4A]			
[Hydronephrosis TGLS = 6-4+4A]			
[Nephropathy TGLS = 2-4+4A]			
* Liver		Congestion	Moderate
	Centrilobular	Degeneration	Moderate
		Fibrosis	Minimal
	Centrilobular	Necrosis	Mild
		Pigmentation	Mild
			[Degeneration TGLS = 4-6]
* Lung		Hemorrhage	Mild
			[Hemorrhage TGLS = 5-2+2A+3]
* Lymph Node, Mesenteric		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193	TRT#: 4	SEX: Male	DAY ON TEST: 580
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915188

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Chondroma	
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Suppurative, Marked
* Stomach, Forestomach [Cyst TGLS = 7-15A]		Cyst	Mild
* Testes	Interstit Cell	Adenoma	
	Artery	Inflammation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 194	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 582 HISTO: 915189
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Inflammation	Chronic, Mild
		Ulcer	Minimal
	[Ulcer TGLS = 2-5A]		
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Mild
	[Hydronephrosis TGLS = 3-4]		
* Liver		Pigmentation	Moderate
* Lung		Hemorrhage	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
Peripheral Nerve		Radicular Neuropathy	Minimal
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Marked
		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Hyperplasia	Marked
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 195

TRT#: 4

SEX: Male

DAY ON TEST: 553

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Urinary Bladder
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
			[Hydronephrosis TGLS = 3-4]
			[Nephropathy TGLS = 2-4]
* Liver		Cholangiocarcinoma	
		Hemorrhage	Moderate
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
			[Cholangiocarcinoma TGLS = 9-6B]
			[Hyperplasia TGLS = 8-6A]
			[Necrosis TGLS = 5-6+6A+6B]
* Lung		Congestion	Moderate
			[Congestion TGLS = 4-2+3]
Lymph Node	Renal	Ectasia	Moderate
			[Ectasia TGLS = 7-16]
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
			[Hyperplasia TGLS = 1-9]
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
			[Hyperplasia TGLS = 6-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 195	TRT#: 4	SEX: Male	DAY ON TEST: 553
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915190

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-8]			
* Preputial Gland	Duct	Cyst	Mild
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
 Test Type: CHRONIC
 Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
 Time Report Requested: 03:31:22
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 196

TRT#: 4

SEX: Male

DAY ON TEST: 627

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915191

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Coagulating Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Marked
	Vein	Thrombosis	Mild
[Nephropathy TGLS = 6-4]			
* Liver	Hepatocyte	Atrophy	Mild
		Congestion	Moderate
	Centrilobular	Cytomegaly	Moderate
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
[Congestion TGLS = 7-6+6A]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 3-9]			
* Mammary Gland	Duct	Dilatation	Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196	TRT#: 4	SEX: Male	DAY ON TEST: 627
	DOSE: 400 PPM	DISP: Natural Death	HISTO: 915191

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-8]			
* Preputial Gland	Duct	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Hair Follicle	Cyst	Mild
[Cyst TGLS = 2-10A]			
* Stomach, Forestomach		Hyperplasia	Squamous, Marked
		Inflammation	Chronic, Mild
		Ulcer	Mild
[Hyperplasia TGLS = 9-15+15A]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 5-7]			
[Atrophy TGLS = 4-7]			
* Thymus		Atrophy	Mild
Tooth	Peridont Tiss	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 197

TRT#: 4

SEX: Male

DAY ON TEST: 562

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	Coagulating Gland
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Bone	Cartilage	Degeneration	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular	Fibrosis	Mild
		Necrosis	Moderate
		Pigmentation	Moderate
[Necrosis TGLS = 1-6+6A]			
* Mammary Gland	Duct	Dilatation	Minimal
* Preputial Gland	Duct	Cyst	Moderate
* Testes	Artery	Inflammation	Minimal
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198

TRT#: 4

SEX: Male

DAY ON TEST: 722

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 915193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 2-4]			
[Hydronephrosis TGLS = 6-4]			
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Minimal
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Minimal
[Clear Cell Focus TGLS = 3-6+6A]			
Lymph Node	Renal	Ectasia	Moderate
	Renal	Hemorrhage	Mild
	Renal	Hyperplasia	Plasma Cell, Mild
[Ectasia TGLS = 4-16]			
* Lymph Node, Mandibular		Ectasia	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: 915193

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst	Mild
* Testes	Interstit Cell	Cyst	Marked
		Adenoma	
	Artery	Atrophy	Mild
		Inflammation	Minimal
		Inflammation	Granulomatous, Moderate
		Mineralization	Mild
[Adenoma TGLS = 1-7]			
[Inflammation TGLS = 5-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199

TRT#: 4

SEX: Male

DAY ON TEST: 464

DOSE: 400 PPM

DISP: Natural Death

HISTO: 915194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
* Liver	Centrilobular	Degeneration	Marked
		Fibrosis	Mild
	Centrilobular	Necrosis	Moderate
		Pigmentation	Minimal
[Degeneration TGLS = 2-6]			
Lymph Node	Renal	Ectasia	Minimal
	Renal	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-16]			
* Lymph Node, Mandibular		Congestion	Moderate
[Congestion TGLS = 4-9]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose		Inflammation	Chronic Active, Mild
* Preputial Gland	Duct	Cyst	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Atrophy	Mild
		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 464
HISTO: 915194

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 200	TRT#: 4 DOSE: 400 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 574 HISTO: 915195
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
Coagulating Gland	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Marked
* Kidney		Hydronephrosis	Mild
		Nephropathy	Marked
		[Hydronephrosis TGLS = 4-4]	
		[Nephropathy TGLS = 1-4]	
* Liver	Centrilobular	Degeneration	Mild
	Periportal	Fibrosis	Mild
		Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
		Pigmentation	Moderate
		[Degeneration TGLS = 2-6]	
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Hyperplasia	Lymphoid, Mild
		[Hemorrhage TGLS = 3-16]	
* Pituitary Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
* Testes		Mineralization	Minimal
* Thymus		Hemorrhage	Mild
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-06
Test Type: CHRONIC
Species/Strain: Rat/WISTAR OUTBR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/19/2014
Time Report Requested: 03:31:22
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 200

TRT#: 4
DOSE: 400 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 574
HISTO: 915195

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE