

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

C Number:	C55301B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 901866
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal

Note: MALLORY-HEIDENHAIN'S STAIN

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 901867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: CLUSTER OF ROUND CELLS			
* Kidney	Renal Tubule	Degeneration	Hyaline, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 901868
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: ANITSCHKOW MYOCYTES AND ROUND CELLS			
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

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: 92 HISTO: 901869
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
Note: CLUSTERS OF ROUND CELLS			
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 901870
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex	* Adrenal Gland - Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	Eye
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Liver	* Lung
* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach - Forestomach	* Stomach - Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: CLUSTERS OF ROUND CELLS			
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

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: 92 HISTO: 901871
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: CLUSTERS OF ROUND CELLS			
* Kidney	Renal Tubule	Mineralization Regeneration	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: ANITSCHKOW MYOCYTES			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Testes	Seminif Tub	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
Note: CLUSTER OF ROUND CELLS			
* Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mandibular
* Pancreas
* Prostate
* Spleen
* Thymus

* Adrenal Gland - Medulla
* Epididymis
* Intestine Large - Rectum
* Islets, Pancreatic
* Lymph Node - Mesenteric
* Parathyroid Gland
* Salivary Glands
* Stomach - Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small - Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Seminal Vesicle
* Stomach - Glandular
* Trachea

* Bone Marrow
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lung
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

OBSERVATIONS

* Heart
 Note: CLUSTERS OF ROUND CELLS
* Kidney

Renal Tubule

Cardiomyopathy
Regeneration

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

[Calculus Micro Observation Only TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Minimal

Regeneration

Minimal

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

[Calculus Gross Observation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901919

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

* Liver

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
Urinary Bladder		Calculus Gross Observation	
		Calculus Micro Observation Only	

[Calculus Gross Observation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 901923
OBSERVATIONS			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901909

OBSERVATIONS

* Kidney

Renal Tubule

Degeneration

Hyaline, Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Inflammation

Chronic, Minimal

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

[Calculus Gross Observation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Casts

Minimal

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
Prostate		Dilatation	Mild
[Dilatation TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Degeneration

Hyaline, Minimal

Inflammation

Chronic, Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

[Calculus Gross Observation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Minimal

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Inflammation

Chronic, Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 1-15]

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

[Calculus Gross Observation TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Minimal

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Regeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Renal Tubule

Casts

Minimal

Regeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901905

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41	TRT#: 9 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 901886
OBSERVATIONS			
* Kidney	Renal Tubule	Casts Degeneration Mineralization	Minimal Hyaline, Minimal Minimal
* Liver	Renal Tubule Centrilobular	Regeneration Degeneration Hypertrophy Inflammation Pigmentation	Minimal Minimal Chronic, Minimal Minimal
<hr/> PRIMARY CAUSE OF DEATH - <hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901887

OBSERVATIONS

* Kidney

Casts

Minimal

Casts Granular

Minimal

Inflammation

Chronic, Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Mild

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Note: SINGLE CELL NECROSIS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901888

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

Note: SINGLE CELL NECROSIS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901889

OBSERVATIONS

* Kidney

Casts

Minimal

Casts Granular

Minimal

Inflammation

Chronic, Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Mild

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

Pigmentation

Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901890

OBSERVATIONS

* Kidney

Renal Tubule

Casts
Casts Granular
Degeneration
Inflammation
Mineralization

Minimal
Minimal
Hyaline, Minimal
Chronic, Minimal
Minimal

* Liver

Renal Tubule
Centrilobular

Regeneration
Degeneration
Hypertrophy
Inflammation
Pigmentation

Mild
Minimal
Minimal
Chronic, Minimal
Minimal

Note: SINGLE CELL NECROSIS

Note: [INFLAMMATION] TGLs = 1-6.1.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901892

OBSERVATIONS

* Kidney

Casts

Minimal

Inflammation

Chronic, Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Minimal

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Pigmentation	Minimal
Prostate		Dilatation	Mild
Note: [DILATATION] TGLs = 1-14			
Stomach			
Note: TGL#2 THICKENING PROBABLY A RESULT OF			
Note: MUSCULAR CONTRACTION (FAV: 6/7/90)			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901894

OBSERVATIONS

* Kidney

Renal Tubule

Casts

Minimal

Degeneration

Hyaline, Minimal

Renal Tubule

Regeneration

Mild

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901895

OBSERVATIONS

* Kidney

Casts

Minimal

Mineralization

Minimal

Renal Tubule

Regeneration

Mild

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

Pigmentation

Minimal

Urinary Bladder

Calculus Gross Observation

Calculus Micro Observation Only

Note: [CALCUS MIC OBS] TGLs = 1-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Kidney		Casts	Minimal
		Casts Granular	Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Note: MALLORY-HEIDENHAIN'S STAIN			
* Liver		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
	Centrilobular	Necrosis	Mild
		Pigmentation	Minimal
Note: PAS+VE PIGMENT IN AREAS OF FIBROSIS			
* Lymph Node	Pancreatic	Angiectasis	Mild
	Pancreatic	Infiltration Cellular	Histiocyte, Mild
Note: [ANGIECTASIS] TGLs = 1-9.01			
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Casts	Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Moderate
		Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Pigmentation	Minimal

Note: PAS+VE PIGMENT IN AREAS OF FIBROSIS

Note: HYDROPIIC DEGENERATION

Note: [DEGEN] TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts Granular Degeneration Inflammation Mineralization	Minimal Hyaline, Minimal Chronic, Minimal Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Clear Cell Focus Degeneration Hepatodiaphragmatic Nodule Hypertrophy Inflammation Pigmentation	Minimal Minimal Chronic, Mild Mild
Note: [HDN] TGLs = 2-6.41			
* Lymph Node	Mandibular Pancreatic	Angiectasis Angiectasis	Minimal Minimal
Note: [ANGIECTASIS] TGLs = 3-9.1,4-9			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Casts	Minimal
		Casts Granular	Minimal
	Renal Tubule	Degeneration	Hyaline, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Minimal

Note: MEDIAN LOBE WAS NOT TO BE FOUND IN THIS RAT.

Note: HYDROPIIC DEGENERATION

* Urinary Bladder

Calculus Gross Observation
Calculus Micro Observation Only

[Calculus Micro Observation Only TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Casts	Minimal
		Casts Granular	Minimal
	Renal Tubule	Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver	Centrilobular	Degeneration	Mild
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
	Centrilobular	Necrosis	Minimal
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

Note: [DEGEN] TGLs = 1-6.4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------|---------------|----------------|------------------|
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Casts | Minimal |
| | | Casts Granular | Minimal |
| | Renal Tubule | Degeneration | Hyaline, Minimal |
| | | Inflammation | Chronic, Minimal |
| | | Mineralization | Minimal |
| | Renal Tubule | Regeneration | Mild |
| * Liver | Centrilobular | Degeneration | Mild |
| | | Inflammation | Chronic, Mild |
| | | Pigmentation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mesenteric
* Preputial Gland
* Skin
* Thymus

* Adrenal Gland - Medulla
* Epididymis
* Intestine Large - Rectum
* Islets, Pancreatic
* Mammary Gland
* Prostate
* Stomach - Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small - Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach - Glandular
* Trachea

* Bone Marrow
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lymph Node - Mandibular
* Pituitary Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Kidney		Casts	Minimal
	Renal Tubule	Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
* Liver	Renal Tubule	Regeneration	Minimal
	Centrilobular	Degeneration	Minimal
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Minimal
Note: HYDROPIC DEGENERATION			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Casts	Minimal
		Casts Granular	Minimal
	Renal Tubule	Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
	Centrilobular	Degeneration	Mild
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Casts	Minimal
		Casts Granular	Minimal
	Renal Tubule	Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Hypertrophy	Minimal
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

Note: [DEGEN] TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Casts	Minimal
		Casts Granular	Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Minimal
* Lung		Hemorrhage	Minimal

[Hemorrhage TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

OBSERVATIONS

- * Heart Cardiomyopathy Minimal
- * Kidney Mineralization Mild
- * Thyroid Gland

Note: ULTIMOBRANCHIAL BODY

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mandibular
* Ovary
* Salivary Glands
* Stomach - Glandular
* Urinary Bladder

* Adrenal Gland - Medulla
* Clitoral Gland
* Intestine Large - Rectum
* Islets, Pancreatic
* Lymph Node - Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small - Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone Marrow
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach - Forestomach
* Trachea

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach - Forestomach
* Trachea

* Adrenal Gland - Medulla
* Clitoral Gland
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mandibular
* Ovary
* Salivary Glands
* Stomach - Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large - Rectum
* Islets, Pancreatic
* Lymph Node - Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone Marrow
* Heart
* Intestine Small - Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Kidney

Mineralization

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Adrenal Gland - Medulla
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Bone
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Skin
- * Thymus
- * Uterus

- * Bone Marrow
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Spleen
- * Thyroid Gland

MISSING

- * Parathyroid Gland

OBSERVATIONS

- * Clitoral Gland
[Dilatation TGLS = 2-10]

Dilatation Mild

- * Heart
- * Kidney
- * Liver
Note: [HDN] TGLs = 1-6

Cardiomyopathy Minimal

Mineralization Mild

Hepatodiaphragmatic Nodule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Small - Duodenum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

* Esophagus
 Note: THIS IS AN EPIDERMAL INCLUSION CYST
 Note: [CYST] TGLs = 2-2.01
 Note: BUT THIS TERM IS NOT IN TDMS

Cyst

- * Heart
- * Kidney

Cardiomyopathy
 Cyst
 Mineralization

Minimal
 Mild

Note: [CYST] TGLs = 3-4.01

- * Skin
 Note: NORMAL. PROBABLY SWOLLEN FOOT PAD. (FAV, 6/12/90)
 Note: TGL #1: SKIN, BONE, AND MUSCLE APPEAR

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Adrenal Gland - Medulla
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Bone
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Skin
- * Thymus
- * Uterus

- * Bone Marrow
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Spleen
- * Thyroid Gland

MISSING

- * Parathyroid Gland

OBSERVATIONS

- * Clitoral Gland
Note: [DILATATION] TGLs = 1-10
- * Heart
- * Kidney
- * Liver

- Dilatation Mild
- Cardiomyopathy Minimal
- Mineralization Minimal
- Hepatodiaphragmatic Nodule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone Marrow
- * Heart
- * Intestine Small - Duodenum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

OBSERVATIONS

- * Kidney
- Mesentery
- Note: [NECROSIS] TGLs = 1-8.1

Fat

Mineralization
Necrosis

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lung
* Nose
* Salivary Glands
* Stomach - Glandular
* Urinary Bladder

* Adrenal Gland - Medulla
* Clitoral Gland
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mandibular
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large - Rectum
* Islets, Pancreatic
* Lymph Node - Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small - Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Stomach - Forestomach
* Trachea

OBSERVATIONS

* Kidney
* Pituitary Gland
* Thyroid Gland

Pars Distalis

Mineralization
Cyst

Mild

Note: ULTIMOBRANCHIAL BODY

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 75

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 901935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lymph Node - Mandibular
* Ovary
* Salivary Glands
* Stomach - Glandular
* Urinary Bladder

* Adrenal Gland - Medulla
* Clitoral Gland
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large - Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small - Duodenum
* Lung
* Nose
* Pituitary Gland
* Stomach - Forestomach
* Trachea

OBSERVATIONS

* Kidney
* Liver

Mineralization
Hepatodiaphragmatic Nodule

Mild

Note: [HDN] TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 83

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 901985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

Ovary

Cyst

Note: NESTS OF EPITHELIAL CELLS IN BLOOD IN THE CYST.

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

Lung

Pleura

Congestion

Minimal

Note: [CONGESTION] TGLs = 1-2+3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

Lung

Pleura

Congestion

Minimal

[Congestion TGLS = 1-2+3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 100 PPM

DISP: Terminal Sacrifice

HISTO: 901975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

Uterus

Dilatation

Mild

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901957

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 98

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901960

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901961

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 102

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901962

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901963

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901964

OBSERVATIONS

* Liver

Hepatodiaphragmatic Nodule

Uterus

Pigmentation

Minimal

[Dilatation TGLS = 1-7]

Dilatation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 105

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 901965

OBSERVATIONS

* Liver

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901946

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hepatodiaphragmatic Nodule

Hypertrophy

Minimal

Note: [HDN] TGLs = 1-6

Note: MORE LIKE HYALINE DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901947

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Pigmentation

Minimal

Note: MORE LIKE HYALINE DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901948

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901949

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 110

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901950

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901951

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901952

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

Pigmentation

Minimal

Note: [DEGEN] TGLs = 1-6+6.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901953

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901954

OBSERVATIONS

* Liver

Hypertrophy

Minimal

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 901955

OBSERVATIONS

* Liver

Centrilobular

Degeneration

Minimal

Hepatodiaphragmatic Nodule

Hypertrophy

Minimal

Pigmentation

Minimal

Note: [HDN] TGLs = 1-6.01

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

- * Heart
- * Kidney
- * Liver

Centrilobular

- Cardiomyopathy
- Mineralization
- Degeneration
- Hypertrophy
- Inflammation
- Pigmentation

- Minimal
- Minimal
- Mild
- Minimal
- Chronic, Minimal
- Minimal

Note: HYDROPIIC DEGENERATION

Note: PAS+VE PIGMENT IN AREAS OF FIBROSIS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 901937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex	* Adrenal Gland - Medulla	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach - Forestomach	* Stomach - Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large - Cecum	* Intestine Small - Ileum	* Intestine Small - Jejunum
---------------------------	---------------------------	-----------------------------

OBSERVATIONS

* Bone Marrow		Necrosis	Minimal
* Brain		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
* Liver	Centrilobular	Degeneration	Mild
	Centrilobular	Hypertrophy	Minimal
		Necrosis	Marked
Note: [NECROSIS] TGLs = 4-6			
Note: HYDROPIIC DEGENERATION			
Note: MORE LIKE SUBACUTE HEPATIC NECROSIS			
* Lung		Edema	Minimal
* Lymph Node	Mediastinal	Congestion	Mild
	Lumbar	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
	Mandibular	Infiltration Cellular	Histiocyte, Mild
	Renal	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 5-14			
Note: [CONGESTION] TGLs = 7-3			
Note: [HYPERPLASIA] TGLs = 2-8,3-8,6-15			
* Stomach			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 901937

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL #1 AND 8: NO MASS NOR FOCUS IN

Note: TGL #1 AND 8: POSSIBLE LUMINAL HEMORRHAGE (FAV 6/5/90)

Note: SECTION. CONFIRMED BY FAV (5/29/90).

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
* Liver	Centrilobular	Degeneration	Mild
		Hypertrophy	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland - Cortex
* Brain
* Intestine Large - Cecum
* Intestine Small - Ileum
* Lymph Node - Mandibular
* Ovary
* Salivary Glands
* Stomach - Glandular
* Urinary Bladder

* Adrenal Gland - Medulla
* Clitoral Gland
* Intestine Large - Colon
* Intestine Small - Jejunum
* Lymph Node - Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large - Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small - Duodenum
* Lung
* Nose
* Pituitary Gland
* Stomach - Forestomach
* Trachea

OBSERVATIONS

* Kidney

Casts

Minimal

* Liver

Centrilobular

Mineralization

Minimal

Degeneration

Mild

Hypertrophy

Minimal

Pigmentation

Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 1000 PPM

DISP: Natural Death

HISTO: 901940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|---------------------------|-------------------------|-------------------|
| * Adrenal Gland - Cortex | * Adrenal Gland - Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large - Colon | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Spleen | * Stomach - Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Uterus | |

MISSING

- | | |
|---------------------------|-------------------|
| * Lymph Node - Mandibular | * Salivary Glands |
|---------------------------|-------------------|

AUTO PRECLUDES DIAG.

- | | | | |
|-----------------------------|----------------------------|------------------------------|---------------------------|
| * Intestine Large - Cecum | * Intestine Large - Rectum | * Intestine Small - Duodenum | * Intestine Small - Ileum |
| * Intestine Small - Jejunum | * Stomach - Glandular | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|---|---------------|----------------|----------|
| * Kidney | | Mineralization | Minimal |
| * Liver | Centrilobular | Necrosis | Moderate |
| Note: MORE LIKE SUBACUTE HEPATIC NECROSIS | | | |
| Note: [NECROSIS] TGLs = 3-6 | | | |
| * Lung | | Edema | Mild |
| * Lymph Node | Mesenteric | Hyperplasia | Minimal |
| Note: [HYPERPLASIA] TGLs = 2-8 | | | |
| Note: PANCREATIC AND RENAL LYMPH NODES PROBABLY AUTOLYZED | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

- | | | | |
|----------|---------------|----------------|---------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| * Liver | Centrilobular | Degeneration | Mild |
| | | Hypertrophy | Minimal |
| | | Inflammation | Chronic, Mild |
| | | Pigmentation | Mild |

Note: [DEGEN] TGLs = 1-6

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

- | | | | |
|----------|---------------|----------------|---------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| * Liver | Centrilobular | Degeneration | Moderate |
| | | Hypertrophy | Minimal |
| | | Inflammation | Chronic, Mild |
| | | Pigmentation | Minimal |

Note: [DEGEN] TGLs = 1-6

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone
- * Esophagus
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone Marrow
- * Heart
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

OBSERVATIONS

- | | | | |
|----------|---------------|----------------|---------|
| * Kidney | | Casts | Minimal |
| | | Mineralization | Minimal |
| * Liver | Centrilobular | Degeneration | Minimal |
| | | Pigmentation | Minimal |

Note: TGL #1: NO FOCI

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

- * Bone Marrow
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
* Liver	Centrilobular	Degeneration	Minimal
		Hypertrophy	Minimal
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:38:23

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 901945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Gland - Cortex
- * Brain
- * Intestine Large - Cecum
- * Intestine Small - Ileum
- * Lymph Node - Mandibular
- * Ovary
- * Salivary Glands
- * Stomach - Glandular
- * Urinary Bladder

- * Adrenal Gland - Medulla
- * Clitoral Gland
- * Intestine Large - Colon
- * Intestine Small - Jejunum
- * Lymph Node - Mesenteric
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone
- * Esophagus
- * Intestine Large - Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone Marrow
- * Heart
- * Intestine Small - Duodenum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach - Forestomach
- * Trachea

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Hypertrophy	Minimal
		Pigmentation	Minimal

Note: HYDROPIIC DEGENERATION

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE