

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
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	11/21/1996

Experiment Number: 55301-04
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CAS Number: 110-86-1

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO: MA914236
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Medulla	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney			
Note: TGL 2-NCL			
Lymph Node	Mediastinal	Congestion	Marked
* Preputial Gland		Atrophy	Moderate
Note: TGL 1-NCL			
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914237
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Diffuse, Mild
		[Eosinophilic Focus TGLS = 3-11]	
		[Hepatocellular Adenoma TGLS = 2-7, 3-11]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		[Cyst TGLS = 1-8A]	
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
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: 723 HISTO: MA914238
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-11]		
	[Hepatocellular Adenoma TGLS = 2-7]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
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: 723 HISTO: MA914239
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Diffuse, Mild
		[Eosinophilic Focus TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-12]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 3-6,11]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 621
	DOSE: 0 PPM	DISP: Natural Death	HISTO: MA914240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
* Preputial Gland	Atrophy	Moderate
	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-8A]		
* Prostate	Inflammation	Chronic, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Thymus	Atrophy	Mild
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 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: 723
 HISTO: MA914241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-7]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Tooth		Developmental Malformation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914242
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-7; 3-7]			
[Hepatocellular Adenoma TGLS = 2-7]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-7]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-2]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Atrophy	Moderate
* Thymus		Atrophy	Minimal
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914243
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Kidney	Renal Tubule	Hyperplasia	Moderate
* Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	Multiple
[Angiectasis TGLS = 2-11, 11.1]			
[Hepatocellular Adenoma TGLS = 1-7]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

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Animal Note: CARCASS THIN, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914244
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

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

* Adrenal Cortex	Capsule	Hyperplasia	Marked
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 2-7]		
	[Hepatocellular Adenoma TGLS = 1-7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Atrophy	Mild
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 5-11]	
		[Hepatocellular Adenoma TGLS = 4-7, 7.1 AND 6-7, 7.1]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 3-2]	
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		[Cyst TGLS = 2-8A]	
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914245

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 11	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914246
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Moderate
* Intestine Small, Jejunum [Hyperplasia TGLS = 1-4]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney [Cyst TGLS = 2-8]		Cyst	Mild
* Liver [Eosinophilic Focus TGLS = 3-12] [Hepatocellular Adenoma TGLS = 3-12]		Eosinophilic Focus Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-11]		Alveolar/Bronchiolar Adenoma	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy Inflammation	Mild Chronic, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 118

DOSE: 0 PPM

DISP: Accidentally Killed

HISTO: MA914247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Liver	Centrilobular	Vacuolization Cytoplasmic	Mild
Note: FATTY CHANGE PRESENT BUT NO TDMS TERM.			
* Parathyroid Gland		Cyst	Mild
* Preputial Gland		Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 4-11]		
	[Hepatocellular Adenoma TGLS = 2-7; 4-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-7; 4-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Moderate
		Inflammation	Chronic, Mild
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914248

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-2]

Tooth Developmental Malformation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914249
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Prostate		Inflammation	Chronic, Minimal
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
Note: TGL 2-NCL			
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
[Eosinophilic Focus TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 3-11; 4-7]			
[Mixed Cell Focus TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Atrophy Cyst Inflammation	Marked Marked Chronic Active, Moderate
[Cyst TGLS = 1-8A]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

DOSE: 0 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 722

HISTO: MA914251

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 633

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

* Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Inflammation	Chronic Active, Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Moderate
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Stomach, Glandular		Necrosis	Mild
[Necrosis TGLS = 2-4]			
* Thymus		Atrophy	Moderate
Tooth		Developmental Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 633
HISTO: MA914252

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Cyst	Mild
		Nephropathy	Minimal
	[Cyst TGLS = 5-8]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 6-7, 7.1, 11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-7, 7.1, 11]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial GI			
Note: TGL 1-NCL			
* Prostate		Cyst	Minimal
	[Cyst TGLS = 3-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 2-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914253

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Note: TGL 4-NCL

Tooth

Developmental Malformation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 4-12]	
		[Hepatocellular Carcinoma TGLS = 2-7,3-12]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Note: TGL 5-NCL	
		Note: ALV BRON ADENOMA IN SLIDE 6, LEFT LOBE, COMPATIBLE WITH GROSS.	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Pituitary Gland		Cyst	Mild
* Preputial Gland		Atrophy	Marked
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914254
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-7; 3-7]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 670 HISTO: MA914256
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Islets, Pancreatic	* Liver	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Nose	Respirat Epith Respirat Epith	Degeneration Hyperplasia	Hyaline, Minimal Moderate
* Preputial Gland		Atrophy Cyst	Marked Mild
[Cyst TGLS = 1-8A]			
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914257
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
Tooth		Developmental Malformation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 672

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Blood Vessel	Aorta	Thrombosis	Marked
Note: BACTERIA PRESENT.			
* Brain		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Moderate
Note: BACTERIA PRESENT.			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC HAS AREAS SUGGESTIVE OF HEPATOBLASTOMA.			
[Hepatocellular Adenoma TGLS = 3-7]			
[Hepatocellular Carcinoma TGLS = 1-7]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Atrophy	Moderate
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 672
HISTO: MA914258

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Moderate
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 706 HISTO: MA914259
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Islets, Pancreatic	* Kidney	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Epididymis		Inflammation	Granulomatous, Mild
* Liver	Centrilobular	Congestion	Moderate
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 4-7]		
	[Hemangiosarcoma TGLS = 5-12]		
	[Hepatocellular Adenoma TGLS = 4-7]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-11]		
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Glands, Olfactory Epi	Hyperplasia	Moderate
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 706 HISTO: MA914259
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Marked
* Sem Ves			
Note: TGL 2-NCL			
* Skin	Subcut Tiss	Edema	Moderate
	Subcut Tiss	Hemangiosarcoma	
[Edema TGLS = 1-5]			
[Hemangiosarcoma TGLS = 3-13]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
* Thymus		Atrophy	Moderate
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 574

DOSE: 0 PPM

DISP: Accidentally Killed

HISTO: MA914260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Gallbladder		Infiltration Cellular	Lymphocyte, Minimal
* Heart	Myocardium	Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 2-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
Note: TGL 1-NCL			
* Skin		Ulcer	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Necrosis	Mild
[Necrosis TGLS = 3-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Accidentally Killed

DAY ON TEST: 574
HISTO: MA914260

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
Tooth	Developmental Malformation	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914261
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Mild
Note: TGL 2-NCL			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-11]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-5]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Testes		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA914262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		[Basophilic Focus TGLS = 1-11]	
		[Eosinophilic Focus TGLS = 1-11]	
Oral Mucosa		Ulcer	Marked
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 3-7; 4-11]	
		[Hepatocellular Adenoma TGLS = 2-7]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
		[Hyperplasia TGLS = 5-5]	
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Testes		Mineralization	Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914263

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Bone Marrow		Atrophy	Moderate
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-7]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 4-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
Note: TGL 1-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL 2-NCL			
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914264

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 653 HISTO: MA914265
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Mineralization	Moderate
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-7; 4-7]			
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Foreign Body	
* Preputial Gland		Inflammation	Chronic Active, Minimal
		Atrophy	Marked
* Skin	Subcut Tiss	Cyst	Mild
[Inflammation TGLS = 2-11]		Inflammation	Chronic Active, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 4-7, 7.1]	
		[Hepatocellular Adenoma TGLS = 3-7, 7.1; 5-11]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		[Hemorrhage TGLS = 2-5]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914266
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ORGAN AND ACCOUNTABLE SITE STATUS		
* Thymus	Atrophy	Mild
Tooth	Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 598

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Adenoma	Mild
		Cytoplasmic Alteration	
	Capsule	Hyperplasia	Marked
* Brain		Mineralization	Mild
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
	[Hydronephrosis TGLS = 5-8]		
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Hepatocellular Carcinoma TGLS = 4-7]		
* Lung		Congestion	Mild
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 598 HISTO: MA914267
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2-NCL			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stom Gland			
Note: TGL 3-NCL			
Tooth		Developmental Malformation	Moderate
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Bone Marrow		Atrophy	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Minimal
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Heart	* Intestine Large, Rectum	* Testes	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-7]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Prostate		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Kidney	Infarct	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-7]		
[Hepatocellular Adenoma TGLS = 2-7]		
* Preputial Gland	Atrophy	Marked
	Cyst	Marked
[Cyst TGLS = 1-8A]		
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 723
HISTO: MA914271

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 520

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver	Periportal	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-7]		
	[Vacuolization Cytoplasmic TGLS = 2-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Developmental Malformation	Mild
* Urin Bladder			
	Note: TGL 1-NCL		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 520
HISTO: MA914272

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914273
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
Note: TGL 3-NCL [Hepatocellular Adenoma TGLS = 4-11, 5-7]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Marked
[Atrophy TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen			
Note: TGL 2-NCL			
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	Tongue	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Moderate
Eye		Cataract	Marked
	Cornea	Inflammation	Chronic, Marked
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-14]			
* Kidney	Artery	Inflammation	Chronic Active, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Necrosis	Marked
[Hepatoblastoma TGLS = 3-12]			
[Hepatocellular Adenoma TGLS = 3-12]			
[Necrosis TGLS = 2-11]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914274
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8A]		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
Tongue			
Note: TGL 4-NCL TGL 4 IS MINIMAL HEMORRHAGE; HOWEVER, TERM IS NOT AVAILBLE.			
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 542

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA914275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
Harderian GI			
Note: HARDERIAN GLAND NOT IN WET TISSUE. TGL 8-NST			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
* Kidney		Cyst	Mild
		Mineralization	Minimal
[Cyst TGLS = 6-12]			
* Liver		Infiltration Cellular	Mixed Cell, Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-13]			
* Lymph Node, Mandibular		Squamous Cell Carcinoma	Metastatic (Skin)
[Squamous Cell Carcinoma TGLS = 1-2, 2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 542 HISTO: MA914275
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8A]	Inflammation	Chronic, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Skin	Squamous Cell Carcinoma	
Note: CARCINOMA IS ON LIP. [Squamous Cell Carcinoma TGLS = 7-14]		
* Thymus	Atrophy	Moderate
Tooth	Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Skin Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 3-7]			
[Hepatocellular Adenoma TGLS = 3,4-7]			
[Hepatocellular Carcinoma TGLS = 5-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-8A]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914276

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Developmental Malformation	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914277
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Moderate
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-8A]			
* Prostate		Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 637 HISTO: MA914278
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-7, 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914279

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2,3-NCL

Tooth
* Urinary Bladder

Developmental Malformation
Infiltration Cellular

Marked
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-7; 4-11]	
		[Hepatocellular Carcinoma TGLS = 3-7]	
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Inflammation	Chronic Active, Mild
* Spleen		Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 1-7]	
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914281
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
	Artery	Inflammation	Chronic, Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914282
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

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

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung	Alveolar Epith	Hyperplasia	Marked
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 3,4-7]	
		[Hepatocellular Carcinoma TGLS = 5-12]	
		[Mixed Cell Focus TGLS = 2-11]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-12]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914283

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914284
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Cyst	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
	[Hepatoblastoma TGLS = 1-11]		
* Lung			
	Note: TGL 2-NCL		
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Moderate
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 4-11]	
		[Eosinophilic Focus TGLS = 4-11]	
		[Hepatocellular Adenoma TGLS = 2,3-7,7.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2,3-7,7.1]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914285

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 51	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914386
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-6]	
* Nose	Olfactory Epi Respirat Epith	Degeneration	Hyaline, Mild
		Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914386

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 608

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	
	[Hepatoblastoma TGLS = 2-7]		
* Lung		Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 5-7]	
		[Hepatocellular Carcinoma TGLS = 4-7; 6,7-12]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 8-6.1]	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
		[Hyperplasia TGLS = 3-11]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Mild
		[Cyst TGLS = 2-8A.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
		Note: TGL 1-NCL	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914388
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ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Developmental Malformation	Mild
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 2-7]	
		[Hepatoblastoma TGLS = 3-12]	
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Lung		Hepatoblastoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
* Sem Ves			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914389

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1-NCL
Skeletal Muscle
[Hepatoblastoma TGLS = 4-11]

Hepatoblastoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
	[Hepatoblastoma TGLS = 2-7]		
	[Hepatocellular Adenoma TGLS = 2-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
	[Cyst TGLS = 1-8A.1]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Gallbladder	* Mammary Gland	* Prostate	* Seminal Vesicle
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Epididymis		Inflammation	Granulomatous, Moderate
	[Inflammation TGLS = 3-8A]		
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
	[Adenoma TGLS = 4-8]		
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 6-7,11]		
	[Hepatocellular Carcinoma TGLS = 5-7]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
	[Cyst TGLS = 2-8A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914391
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Atrophy	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 676

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 3-7,12]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Necrosis	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 676

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914392

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914393
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 1-7,11]	
		[Hepatoblastoma TGLS = 1-11]	
		[Hepatocellular Adenoma TGLS = 1-7,11]	
		[Hepatocellular Carcinoma TGLS = 1-7,11]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Histiocytic Sarcoma	
		Nephropathy	Minimal
	[Accumulation, Hyaline Droplet TGLS = 4-8,8.1]		
* Liver		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
	[Hepatocellular Carcinoma TGLS = 6,7-12]		
	[Histiocytic Sarcoma TGLS = 5-7, 8-12]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-5]		
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 2-8A]		
* Skin	Subcut Tiss	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 638
HISTO: MA914394

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Marked
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 1-7, 3-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 692 HISTO: MA914396
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Rectum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Marked
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
			[Hepatoblastoma TGLS = 3-7,11]
			[Hepatocellular Adenoma TGLS = 3-7,11]
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		Inflammation	Chronic, Minimal
			[Cyst TGLS = 1-8A]
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 2-7]
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 692

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914396

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: THORACIC CAVITY 2CC RED FLUID, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: MA914397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Moderate
	Capsule	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
Note: TGL 2-NCL			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 4-7, 6-11]			
[Hepatocellular Adenoma TGLS = 4-7, 6-11]			
[Hepatocellular Carcinoma TGLS = 3-7, 5-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
Peripheral Nerve	Sciatic	Degeneration	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		Inflammation	Chronic Active, Marked
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 702
HISTO: MA914397

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
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PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 522 HISTO: MA914398
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-7]	
		[Hepatocellular Adenoma TGLS = 3-7; 4-11]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-2]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-7]		
	[Hepatocellular Carcinoma TGLS = 2,3-7]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
	[Cyst TGLS = 1-8A, 8A.1]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Jejunum [Hyperplasia TGLS = 5-4]	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
* Lung		Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914400
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Respirat Epith Respirat Epith	Degeneration Hyperplasia Atrophy Cyst Inflammation	Hyaline, Minimal Minimal Marked Marked Chronic, Minimal
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 66	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914401
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen			
		Note: TGL 1-NCL	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 680 HISTO: MA914402
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adren Medulla

Note: PART OF ONE ADRENAL IN NEOPLASTIC MASS.

* Brain

Mineralization

Mild

* Intestine Small, Duodenum

Lymphoma Malignant

[Lymphoma Malignant TGLS = 5-11]

* Liver

Basophilic Focus

Eosinophilic Focus

Hepatoblastoma

Hepatocellular Adenoma

Hepatocellular Carcinoma

Multiple

Hepatocholangiocarcinoma

Multiple

[Hepatoblastoma TGLS = 10-12]

[Hepatocellular Carcinoma TGLS = 7-7; 11-11]

[Hepatocholangiocarcinoma TGLS = 8-12; 9-13,13.1]

* Lung

Hepatoblastoma

Metastatic (Liver)

Mediastinum

Hepatocholangiocarcinoma

Metastatic (Liver)

Hepatocholangiocarcinoma

Metastatic (Liver)

[Hepatoblastoma TGLS = 12-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 680
	DOSE: 250 PPM	DISP: Natural Death	HISTO: MA914402

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocholangiocarcinoma TGLS = 12-6]			
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
	Mediastinal	Lymphoma Malignant	
[Hepatocholangiocarcinoma TGLS = 13-14]			
[Lymphoma Malignant TGLS = 13-14]			
* Lymph Node, Mesenteric		Angiectasis	Mild
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
Penis			
Note: TGL 1-NST			
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
Note: GROSS LESION MAY BE DUE TO HYPERKERATOSIS, HOWEVER TERM NOT AVAILABLE.		TGL 2-NCL	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 3-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

Animal Note: THORACIC CAVITIES 1CC RED FLUID, TGL 6-NST

Animal Note: PENIS PROLAPSE, TGL 1-NST

Animal Note: ABDOMINAL CAVITIES 2-3CC RED FLUID, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

Blood Vessel	* Intestine Large, Cecum	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: ONE HEPATOCLR ADENOMA IS INFARCTED.			
		[Hepatoblastoma TGLS = 3-7]	
		[Hepatocellular Adenoma TGLS = 4,5-11]	
		[Hepatocellular Carcinoma TGLS = 6-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
		[Inflammation TGLS = 1-8A]	
* Spleen		Atrophy	Mild
		[Atrophy TGLS = 2-7]	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914403

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 532

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

- * Mammary Gland

AUTO PRECLUDES DIAG.

- * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
Note: TGL 8-NCL			
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Infiltration Cellular	Mixed Cell, Mild
		Necrosis	Mild
Note: TGL 6-NCL			
[Hemangiosarcoma TGLS = 2-2; 5-2C]			
[Hepatocellular Adenoma TGLS = 3-2A]			
[Necrosis TGLS = 4-2B]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 532

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914404

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

[Hemangiosarcoma TGLS = 1-12]

Hemangiosarcoma

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

Animal Note: ABDOMINAL CAVITIES FLUID, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 237

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: MA914405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Hemorrhage	Mild
		Histiocytic Sarcoma	
		Mineralization	Mild
[Hemorrhage TGLS = 8-4]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5,6-2]			
* Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 7-1]			
[Histiocytic Sarcoma TGLS = 7-1]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-5]			
* Preputial Gland		Atrophy	Marked
* Skin	Subcut Tiss	Inflammation	Acute, Mild
[Inflammation TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2,3-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 237
HISTO: MA914405

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
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PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914406
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 2-7, 3-11]	
		[Eosinophilic Focus TGLS = 3-11]	
		[Hepatocellular Adenoma TGLS = 2-7, 3-11]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 722
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: MA914407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 3-12]		
	[Hepatoblastoma TGLS = 2-11]		
	[Hepatocellular Adenoma TGLS = 3-7,12]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Minimal
		Hyperplasia	Lymphoid, Minimal
	[Hyperplasia TGLS = 1-5]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
* Spleen		Hemangiosarcoma	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914407

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914408
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 2-7]		
	[Hepatocellular Adenoma TGLS = 2-11]		
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
	[Atrophy TGLS = 1-8A]		
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 650

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Liver)
* Heart		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	
	[Angiectasis TGLS = 3-12]		
	[Hemangiosarcoma TGLS = 3-12; 4-14; 5-13; 6-11]		
	[Hepatocellular Carcinoma TGLS = 3-12]		
* Lung		Hemangiosarcoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hemangiosarcoma TGLS = 7-6]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
* Spleen		Hemangiosarcoma	Metastatic (Liver)
		Hematopoietic Cell Proliferation	Marked
	[Hemangiosarcoma TGLS = 8-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 650

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914409

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder

Note: MARKED CONGESTION PRESENT; HOWEVER TERM IS NOT AVAILABLE. TGL 1-NCL

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

Animal Note: CARCASS THIN, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 561 HISTO: MA914410
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex [Sarcoma TGLS = 11-3,3.1]		Sarcoma	Metastatic (Mesentery)
* Adrenal Medulla [Sarcoma TGLS = 11-3,3.1]		Sarcoma	Metastatic (Mesentery)
Coagulating Gland [Sarcoma TGLS = 8-18]		Sarcoma	Metastatic (Mesentery)
* Epididymis Note: LESION IS NECROTIC. [Sarcoma TGLS = 4-16]		Sarcoma	Metastatic (Mesentery)
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney Note: TGL 13-NCL			
* Liver Note: THE SARCOMA IS ON CAPSULE, TERM NOT AVAILABLE. TGL 12-NCL [Eosinophilic Focus TGLS = 15-13]		Eosinophilic Focus Sarcoma	Metastatic (Mesentery)
* Lung Lymph Node [Sarcoma TGLS = 14-11]	Alveolar Epith Mediastinal	Hyperplasia Sarcoma	Minimal Metastatic (Mesentery)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 561 HISTO: MA914410
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 9-5] [Hemorrhage TGLS = 9-5] Mesentery [Sarcoma TGLS = 5-14] * Preputial Gland [Cyst TGLS = 2-8A] * Salivary Glands * Seminal Vesicle Skeletal Muscle [Sarcoma TGLS = 7-17] * Skin [Edema TGLS = 1-15] * Spleen [Hematopoietic Cell Proliferation TGLS = 10-7] * Testes [Sarcoma TGLS = 6-8] * Thymus	 Subcut Tiss	Hemorrhage Sarcoma Atrophy Cyst Inflammation Infiltration Cellular Sarcoma Sarcoma Edema Hematopoietic Cell Proliferation Sarcoma Atrophy	Minimal Marked Mild Chronic Active, Minimal Lymphocyte, Minimal Metastatic (Mesentery) Metastatic (Mesentery) Moderate Marked Metastatic (Mesentery) Moderate
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PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

Animal Note: ABDOMINAL CAVITIES APPROXIMATELY 4.0CC RED FLUID, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Marked
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-7,11]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 2-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		[Cyst TGLS = 1-8A,8A.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 587

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Diffuse, Mild
		[Clear Cell Focus TGLS = 2-11]	
		[Eosinophilic Focus TGLS = 2-11]	
		[Hepatocellular Adenoma TGLS = 1-7, 2-11]	
		[Mixed Cell Focus TGLS = 2-11]	
* Preputial Gland		Atrophy	Mild
* Thymus		Cyst	Mild

Note: CYST IS LINED BY CILIATED EPITHELIUM.

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Accidentally Killed	DAY ON TEST: 8 HISTO: MA914413
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Lung	Congestion	Mild
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PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,12]	
		[Hepatocellular Carcinoma TGLS = 2-7,12]	
* Lung	Alveolar Epith	Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Mild
		[Hyperplasia TGLS = 3-11]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 696
HISTO: MA914414

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8A]

* Salivary Glands
* Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation

Lymphocyte, Minimal
Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant	
		[Eosinophilic Focus TGLS = 6-7,13]	
		[Hepatocellular Adenoma TGLS = 6-7]	
		[Hepatocellular Carcinoma TGLS = 6-7,13]	
		[Lymphoma Malignant TGLS = 5-7]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-5]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Pancreas		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-11]	
* Preputial Gland		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 674 HISTO: MA914415
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 3-12]	Lymphoma Malignant	
* Thymus	Atrophy	Moderate
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Pancreas Lymphoma Malignant;Spleen Lymphoma Malignant

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 595

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Brain		Mineralization	Mild
* Heart		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney			
Note: TGL 5-NCL			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 3,4-11]			
[Lymphoma Malignant TGLS = 3,4-7,11]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-13]			
[Lymphoma Malignant TGLS = 7-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Marked
		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 595 HISTO: MA914416
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-7] * Thymus	Atrophy	Mild
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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Liver Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node Iliac Lymphoma Malignant;Spleen Lymphoma Malignant

Animal Note: MALIGNANT LYMPHOMA RESEMBLES MONOCYTIC LEUKEMIA.
Animal Note: CARCASS YELLOW, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-7]		
	[Hepatocellular Carcinoma TGLS = 3-7]		
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
Note: TGL 1-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914418
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 7-12]	
		[Hepatocellular Carcinoma TGLS = 4-7]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 5-6]	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
		[Hematopoietic Cell Proliferation TGLS = 2-5]	
		[Hemorrhage TGLS = 2-5]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914418
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Inflammation TGLS = 6-13]	Subcut Tiss	Inflammation	Chronic Active, Marked
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-7]		Hematopoietic Cell Proliferation	Marked
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	Mesentery	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Epididymis		Sarcoma	
[Sarcoma TGLS = 2-5]			
* Kidney		Cyst	Minimal
		Mineralization	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 2-7,11]			
[Hepatocellular Carcinoma TGLS = 2-7,11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		Inflammation	Chronic, Minimal
Note: TGL 1-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914419

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Developmental Malformation	Minimal
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 715

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Prostate
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Epididymis		Angiectasis	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-7]			
* Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-6]		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemangioma	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-8A]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: THORACIC CAVITY RED FLUID, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Moderate
	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Marked
		[Hepatocellular Adenoma TGLS = 3-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
		[Necrosis TGLS = 4-11]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914421

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87 TRT#: 3 SEX: Male DAY ON TEST: 723
DOSE: 250 PPM DISP: Terminal Sacrifice HISTO: MA914422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Moderate
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2,3-7]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

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Animal Note: CARCASS THIN, TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 645

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
[Dilatation TGLS = 4-8]			
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
[Hepatoblastoma TGLS = 6-7; 7-11]			
[Hepatocellular Adenoma TGLS = 5-7]			
[Hepatocellular Carcinoma TGLS = 7,8,9-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stom Forestom			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 645 HISTO: MA914423
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 3-NCL		
* Thymus	Atrophy	Marked
Tooth	Developmental Malformation	Marked
* Urin Bladder		
Note: DILATATION NOT A MACRO DIAGNOSIS. TGL 2-NCL		

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 549 HISTO: MA914424
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
[Hepatoblastoma TGLS = 2-7]			
[Hepatocellular Adenoma TGLS = 1-7]			
* Nose	Olfactory Epi Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Hyperplasia	Minimal
* Salivary Glands		Atrophy	Marked
* Spleen		Infiltration Cellular	Lymphocyte, Minimal
[Atrophy TGLS = 3-8]		Atrophy	Mild
* Stomach, Glandular		Necrosis	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Fibrosis	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-11,11.1]	
		[Hepatoblastoma TGLS = 4-11,11.1]	
		[Hepatocellular Adenoma TGLS = 3-7]	
		[Hepatocellular Carcinoma TGLS = 3-11,11.1]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914425
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8A]	Inflammation	Chronic, Mild
* Prostate	Inflammation	Chronic, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Infarct	Mild
		Nephropathy	Mild
[Infarct TGLS = 1-8]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 3-7,11]			
[Hepatocellular Adenoma TGLS = 3-7,11]			
[Hepatocellular Carcinoma TGLS = 2-7; 3-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914427
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		[Hepatoblastoma TGLS = 2-11; 3-7]	
		[Hepatocellular Adenoma TGLS = 4-7, 5-11]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 2-7,11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
	[Cyst TGLS = 1-8A]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 546 HISTO: MA914429
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Heart	Mineralization	Mild
* Kidney	Mineralization	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
	Necrosis	Marked
Note: NECROSIS MAY BE PARTLY AUTOLYTIC CHANGE.		
[Hepatocellular Carcinoma TGLS = 2,4-7]		
[Necrosis TGLS = 3-11]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2,4-7]		
* Preputial Gland	Atrophy	Mild
	Inflammation	Chronic, Mild
	Hematopoietic Cell Proliferation	Mild
* Spleen		
Note: PALE AREA IS POST MORTEM AUTOLYSIS. TGL 5-NCL		
* Stomach, Forestomach	Inflammation	Chronic Active, Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 546

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914429

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
	[Cyst TGLS = 4-8]		
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 5-7]		
	[Hepatocellular Carcinoma TGLS = 6-7]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
	Note: INFILTRATING HISTIOCYTES AND LYMPHOCYTES SECONDARY TO NEOPLASM.		
	[Alveolar/Bronchiolar Carcinoma TGLS = 7-13]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-11]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
	[Cyst TGLS = 2-8A]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914430
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin Note: TISSUE POPPED FROM BLOCK; NO REMNANT IN WETS. TGL 8-NST.			
* Thymus		Atrophy	Mild
Tooth		Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914431
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 2-7,11]	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 1-7]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 97 TRT#: 3 SEX: Male DAY ON TEST: 591
 DOSE: 250 PPM DISP: Natural Death HISTO: MA914432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
	Centrilobular	Vacuolization Cytoplasmic	Mild
Note: TGL 2-NCL [Hepatoblastoma TGLS = 1-7,7.1]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Chronic, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 2-7,11]	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Marked
		[Inflammation TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914433

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914434
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 1-7,11]	
		[Hepatocellular Adenoma TGLS = 1-7,11]	
		[Hepatocellular Carcinoma TGLS = 1-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 1-12]	
		[Hepatocellular Adenoma TGLS = 1-7,12]	
		[Hepatocellular Carcinoma TGLS = 1-7,12]	
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphocyte, Moderate
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100	TRT#: 3 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914435
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 513 HISTO: MA914336
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-2,2A]			
[Hepatocellular Adenoma TGLS = 3,5-2; 6-2B]			
[Hepatocellular Carcinoma TGLS = 2-2A]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:08
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 102 TRT#: 5 SEX: Male DAY ON TEST: 722
 DOSE: 500 PPM DISP: Terminal Sacrifice HISTO: MA914337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-7,7.1]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Dysplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 623

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Brain Note: TGL 4-NCL		Mineralization	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
* Liver [Hepatocellular Carcinoma TGLS = 1,2-7; 3-11]		Hepatocellular Carcinoma	Multiple
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Minimal Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 4-11]			
[Hepatocellular Adenoma TGLS = 4,5-7,11]			
[Hepatocellular Carcinoma TGLS = 4-7,11]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Prostate			
Note: TGL 2-NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 708
HISTO: MA914339

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular
[Necrosis TGLS = 3-4]

Necrosis

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 664 HISTO: MA914340
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Pigmentation	Marked
* Liver		Hepatoblastoma	Multiple
[Hepatoblastoma TGLS = 5-11; 6-7]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland			
Note: GROSS FOCUS IS LYMPH NODE. TGL 1-NCL			
Mesentery			
Note: TGL 1-NCL			
Note: GROSS FOCUS IS LYMPH NODE.			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
Note: TGL 4-NCL			
[Hyperplasia TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 664
HISTO: MA914340

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-4]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
Note: TGL 2-NCL			
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914341

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 2-7,11]	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 1-7; 3-13]	
		[Hepatocellular Carcinoma TGLS = 1-12]	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		[Alveolar/Bronchiolar Adenoma TGLS = 4-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914343

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-16]			
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 8-7,7.1,14]			
[Hepatocellular Adenoma TGLS = 8-14]			
[Hepatocellular Carcinoma TGLS = 8-7,7.1,14]			
* Lung		Hepatoblastoma	Metastatic (Liver)
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-15]			
[Lymphoma Malignant TGLS = 5-12]			
[Lymphoma Malignant TGLS = 9-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914345
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Preputial Gland		Atrophy	Marked
		Cyst	Mild
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 7-11]		
	[Lymphoma Malignant TGLS = 6-7,7.1; 7-11]		
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-11]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Mesentery	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 1-11]	
		[Hepatocellular Adenoma TGLS = 1-7,11]	
		[Hepatocellular Carcinoma TGLS = 1-7]	
* Lung		Hepatoblastoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
	[Adenoma TGLS = 1-11]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 4-7]		
	[Hepatocellular Adenoma TGLS = 3-13; 4-7; 5-14]		
	[Hepatocellular Carcinoma TGLS = 2-12]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Minimal
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914347

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	Mesentery	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 2-12]		
	[Hepatocellular Adenoma TGLS = 1-7,11]		
	[Hepatocellular Carcinoma TGLS = 1-7,11]		
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemangioma	
		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914348

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2-11+12]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Hemangioma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 657 HISTO: MA914350
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: MOST OF NEOPLASM IS NECROTIC.			
		[Hepatocellular Adenoma TGLS = 3-12; 5-11]	
		[Hepatocellular Carcinoma TGLS = 5-7,11]	
Lymph Node	Renal	Hemorrhage	Marked
		[Hemorrhage TGLS = 4-13]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Marked
		Note: TGL 1-NCL	
* Spleen		Atrophy	Moderate
		[Atrophy TGLS = 2-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 657 HISTO: MA914350
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Necrosis TGLS = 6-4]	Necrosis	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 514

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Necrosis	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Necrosis	Mild
Note: TGL 1-NCL, TGL 4-NCL			
[Eosinophilic Focus TGLS = 5-2]			
[Hepatoblastoma TGLS = 3-2A]			
[Hepatocellular Adenoma TGLS = 2-2]			
[Necrosis TGLS = 5-2]			
* Lymph Node, Mandibular		Necrosis	Mild
* Lymph Node, Mesenteric		Necrosis	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
Note: PLEOMORPHIC ACINAR CELLS- DEPLETED SECRETION.			
* Preputial Gland		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Necrosis	Mild
* Stomach, Glandular	Glands	Dysplasia	Minimal
		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 514
HISTO: MA914351

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 7-NCL
[Necrosis TGLS = 6-6A]

* Thymus

Atrophy
Necrosis

Moderate
Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914352

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914353
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-7] [Hepatocellular Carcinoma TGLS = 2-7]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-6]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas	Acinus	Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-2,2.1]			
* Preputial Gland		Inflammation	Chronic Active, Marked
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914353

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914354
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland	* Skin
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OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 3-4]	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Moderate
* Liver Note: NEOPLASMS CONTAIN CYSTIC AND NECROTIC AREAS. [Hepatocellular Carcinoma TGLS = 4,5,6-7]		Hepatocellular Carcinoma	Multiple
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland [Cyst TGLS = 1-8A]		Atrophy Cyst	Marked Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 226

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Blood Vessel	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Heart		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
Penis		Inflammation	Chronic Active, Mild
Note: TGL 2-NCL			
* Preputial Gland		Atrophy	Mild
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 5-6A]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5A]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 226
HISTO: MA914355

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Bone Marrow Lymphoma Malignant;Heart Lymphoma Malignant;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Nose Lymphoma Malignant;Spleen Lymphoma Malignant;Thymus Lymphoma Malignant

Animal Note: THORACIC CAVITY RED FLUID, TGL 3-NST

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5
 DOSE: 500 PPM

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 722
 HISTO: MA914356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
[Hepatoblastoma TGLS = 1-11]			
[Hepatocellular Adenoma TGLS = 1,2-7,7.1,11]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Mild
		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Developmental Malformation	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914357
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 1-7]	
		[Hepatocellular Carcinoma TGLS = 1-7]	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi Respirat Epith	Degeneration	Hyaline, Mild
		Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 2-7,11]	
		[Hepatocellular Adenoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatoblastoma	Metastatic (Liver)
		[Alveolar/Bronchiolar Adenoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A,8A.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914358

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
* Urinary Bladder

Follicular Cel

Hyperplasia
Infiltration Cellular

Minimal
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124	TRT#: 5	SEX: Male	DAY ON TEST: 3
	DOSE: 500 PPM	DISP: Accidentally Killed	HISTO: MA914359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, 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

Blood Vessel	* Mammary Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
* Lung		Congestion	Mild
* Thyroid Gl			

Note: ECTOPIC THYMUS PRESENT.

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Prostate	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Hemangiosarcoma	Metastatic (Tissue Nos)
		Nephropathy	Mild
[Hemangiosarcoma TGLS = 3-8,8.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 4,5,6-7]			
[Hepatocellular Carcinoma TGLS = 4,5,6-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Perph Nerve			
Note: SCIATIC NERVE IS NORMAL.			
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic Active, Marked
[Cyst TGLS = 1-8A]			
[Inflammation TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 630 HISTO: MA914360
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
Tissue NOS [Hemangiosarcoma TGLS = 7-12]	Thoracic	Hemangiosarcoma	
* Urin Bladder Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH - Tissue NOS Thoracic Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 526

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[Hepatoblastoma TGLS = 3-11, 4-7]			
[Hepatocellular Carcinoma TGLS = 4-7]			
[Necrosis TGLS = 2-7]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatoblastoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 5-6]			
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 586 HISTO: MA914362
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Mesentery
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney			
Note: TGL 3-NCL			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 5-7]			
[Hepatocellular Adenoma TGLS = 5-7]			
[Hepatocellular Carcinoma TGLS = 4-11]			
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Necrosis	Minimal
[Necrosis TGLS = 2-4,13,13.1]			
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 586
HISTO: MA914362

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-7,7.1]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Thymus		
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OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-7,12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-11]		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Marked
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 4-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914364

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-7,12]		
	[Hepatocellular Carcinoma TGLS = 5-7,12]		
Lymph Node	Renal	Hemorrhage	Mild
	Pancreatic	Lymphoma Malignant	
	Renal	Necrosis	Marked
	[Hemorrhage TGLS = 4-14]		
	[Lymphoma Malignant TGLS = 3-11]		
	[Necrosis TGLS = 4-14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-13]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
	[Cyst TGLS = 1-8A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914365

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 642

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Intestine Large, Cecum	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Islets, Pancreatic [Adenoma TGLS = 2-13]		Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 2-7] [Hepatocellular Carcinoma TGLS = 1-12] [Necrosis TGLS = 2-7]		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Marked
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-11]		Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Mild
* Preputial Gland		Atrophy Inflammation	Marked Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 642
HISTO: MA914366

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914367
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Mesothelioma Malignant	
* Brain		Mineralization	Minimal
* Epididymis		Mesothelioma Malignant	
* Kidney		Cyst	Mild
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
		Mesothelioma Malignant	
	[Hepatocellular Carcinoma TGLS = 2-7,12]		
	[Mesothelioma Malignant TGLS = 2-7,12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mesothelioma Malignant	
	[Hepatocellular Carcinoma TGLS = 3-6,11]		
	[Mesothelioma Malignant TGLS = 3-6,11]		
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 1-13]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 1-13]		
* Preputial Gland		Atrophy	Marked
* Prostate		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914367
ORGAN AND ACCOUNTABLE SITE STATUS			
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Cyst	Mild
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 3-12; 4-13]	
		[Hepatoblastoma TGLS = 3-12; 4-13]	
		[Hepatocellular Adenoma TGLS = 4-7,11,13]	
		[Hepatocellular Carcinoma TGLS = 1-7;2-11;4-13]	
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914368

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914369
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Nose	Olfactory Epi Respirat Epith	Degeneration	Hyaline, Mild
		Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		Inflammation	Chronic, Mild
		[Cyst TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914369

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 722 HISTO: MA914370
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-7,11]			
[Hepatocellular Carcinoma TGLS = 3-11]			
* Nose	Olfactory Epi Respirat Epith	Degeneration Hyperplasia	Hyaline, Mild Minimal
* Preputial Gland		Atrophy Cyst	Moderate Marked
[Cyst TGLS = 1,2-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 637

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Capsule	Sarcoma	Metastatic (Mesentery)
* Brain		Mineralization	Minimal
* Epididymis		Sarcoma	Metastatic (Mesentery)
* Kidney		Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 5-8]			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Mesentery)
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 3-5]			
Mesentery		Sarcoma	
[Sarcoma TGLS = 4-13]			
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic, Mild
		Sarcoma	Metastatic (Mesentery)
[Cyst TGLS = 1-8A]			
* Prostate		Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Sarcoma	Metastatic (Mesentery)
Skeletal Muscle		Sarcoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 637
HISTO: MA914371

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 6-12]

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Testes	Atrophy	Mild
	Sarcoma	Metastatic (Mesentery)
* Thymus	Sarcoma	Metastatic (Mesentery)

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
Note: ONE LARGE ADENOMA WAS INFARCTED.			
[Hepatocellular Adenoma TGLS = 2,3,4-11]			
[Necrosis TGLS = 5-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Moderate
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-7]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLS = 3-7,11]		
	[Hepatocellular Adenoma TGLS = 3-7,11]		
	[Hepatocellular Carcinoma TGLS = 3-7,11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Minimal
	[Hemorrhage TGLS = 2-5]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914373

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914374
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 1-4]	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Minimal
* Liver [Eosinophilic Focus TGLS = 2-7] [Hepatocellular Adenoma TGLS = 2-7] [Hepatocellular Carcinoma TGLS = 2-7,11]		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple Multiple
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-7]	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	Mild
* Nose	Olfactory Epi Respirat Epith	Degeneration Hyperplasia	Hyaline, Mild Mild
* Preputial Gland		Atrophy Cyst	Marked Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914374

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914375
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 1-12]	
		[Hepatoblastoma TGLS = 1-12]	
		[Hepatocellular Adenoma TGLS = 3-7]	
		[Hepatocellular Carcinoma TGLS = 2-13]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 4-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914375

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 2-7,11]	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914376

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Clear Cell Focus TGLS = 4-7,11]	
		[Eosinophilic Focus TGLS = 4-7,11]	
		[Hepatocellular Adenoma TGLS = 4-7,11]	
		[Hepatocellular Carcinoma TGLS = 3-12]	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 2-13]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914377

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-8A]
* Salivary Glands
* Thyroid Gland

Follicular Cel

Inflammation

Infiltration Cellular
Hyperplasia

Chronic, Mild

Lymphocyte, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914378
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
		[Hepatoblastoma TGLS = 1-13]	
		[Hepatocellular Adenoma TGLS = 2-13; 3-14; 4-7,12]	
		[Hepatocellular Carcinoma TGLS = 1-13, 4-7]	
		[Mixed Cell Focus TGLS = 2-13; 3-14; 4-7,12]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 5-11]	
		[Infiltration Cellular TGLS = 6-6]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914378

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		[Cyst TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914379

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Mast Cell Tumor Malignant	Metastatic (Skin)
* Brain		Mineralization	Mild
* Kidney		Cyst	Mild
		Mast Cell Tumor Malignant	Metastatic (Skin)
Note: MAST CELLS IN GLOMERULI.			
[Cyst TGLS = 4-11.1]			
[Mast Cell Tumor Malignant TGLS = 3-8]			
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mast Cell Tumor Malignant	Metastatic (Skin)
[Hepatoblastoma TGLS = 5-7]			
[Hepatocellular Adenoma TGLS = 5-7,12]			
[Hepatocellular Carcinoma TGLS = 5-7]			
* Lung		Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Mast Cell Tumor Malignant	Metastatic (Skin)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145	TRT#: 5 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914380
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy Cyst	Moderate Marked
[Cyst TGLS = 1-8A]			
* Skin	Subcut Tiss	Mast Cell Tumor Malignant	
[Mast Cell Tumor Malignant TGLS = 6-13]			
* Spleen		Mast Cell Tumor Malignant	Metastatic (Skin)
[Mast Cell Tumor Malignant TGLS = 2-7]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Multiple Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatoblastoma TGLS = 2-7]			
[Hepatocellular Adenoma TGLS = 5-12]			
[Hepatocellular Carcinoma TGLS = 3-7]			
* Lung		Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 4-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-13]			
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
[Hepatocellular Adenoma TGLS = 4-7,11]			
[Hepatocellular Carcinoma TGLS = 4-11;5-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-5]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 1-8A]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914382

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148 TRT#: 5 SEX: Male DAY ON TEST: 643
DOSE: 500 PPM DISP: Natural Death HISTO: MA914383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Lung	* Lymph Node, Mandibular	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 2,4-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
	[Cyst TGLS = 1-8A]		

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149	TRT#: 5	SEX: Male	DAY ON TEST: 722
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: MA914384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
		[Hepatocellular Adenoma TGLS = 3-7, 4-11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Inflammation	Chronic, Mild
		Note: TGL 1-NCL	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-7, 4-7, 6-11]		
	[Hepatocellular Carcinoma TGLS = 3-7, 5-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
	[Hemangiosarcoma TGLS = 2-7]		
	[Hematopoietic Cell Proliferation TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-7, 3-12]		
	[Hepatocellular Carcinoma TGLS = 1-7,11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Atrophy	Mild
		Cyst	Mild
		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914286

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 3-11]	
		[Hepatocellular Carcinoma TGLS = 2-7; 3-11]	
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 4-6]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914287
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Hemangioma	
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-7]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Capsule	Mesothelioma Malignant	
* Brain		Mineralization	Mild
* Kidney		Infarct	Marked
		Mesothelioma Malignant	
		Nephropathy	Mild
[Infarct TGLS = 1-8]			
[Mesothelioma Malignant TGLS = 6-12]			
* Liver		Hepatocellular Carcinoma	Multiple
		Mesothelioma Malignant	
[Hepatocellular Carcinoma TGLS = 4-7]			
[Mesothelioma Malignant TGLS = 4-7]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-11]			
* Lymph Node, Mesenteric		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-13]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 699 HISTO: MA914288
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Mesothelioma Malignant TGLS = 5-11]	Mesothelioma Malignant	
* Preputial Gland	Atrophy	Moderate
* Seminal Vesicle	Mesothelioma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Mesothelioma Malignant	
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Pancreas Mesothelioma Malignant

Animal Note: THORACIC CAVITIES 1-2 CC RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Preputial Gland	* Prostate
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AUTO PRECLUDES DIAG.

* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: TGL 3-NCL			
[Hepatocellular Adenoma TGLS = 1-7]			
[Hepatocellular Carcinoma TGLS = 2,4-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-6]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: THORACIC CAVITY .5 ML RED FLUID, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Epididymis		Inflammation	Granulomatous, Moderate
Eye	Cornea	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 6-13]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-12]			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Necrosis	Marked
[Eosinophilic Focus TGLS = 3-11, 7,8-7]			
[Hepatocellular Adenoma TGLS = 3-11, 7,8-7]			
[Necrosis TGLS = 4-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild

Note: THE HISTIOCYTES CONTAIN PIGMENT, PROBABLY HEMOSIDERIN.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914290

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 4-11]

* Lymph Node, Mandibular

Hyperplasia

Lymphoid, Mild

* Lymph Node, Mesenteric

Hemorrhage

Minimal

Note: GROSS ENLARGEMENT NOT SEEN IN SECTION.

[Hemorrhage TGLS = 2-5]

* Preputial Gland

Atrophy

Mild

[Cyst TGLS = 1-8A]

Cyst

Marked

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 3

DOSE: 1000 PPM

DISP: Accidentally Killed

HISTO: MA914291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Spleen
* Thymus

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

MISSING

Blood Vessel

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
* Pancreas	Acinus	Cytoplasmic Alteration	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Epididymis	Infiltration Cellular	Lymphocyte, Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Necrosis	Marked
Note: BOTH GROSS MASSES ARE PART OF SAME NEOPLASM.		
[Hepatocellular Adenoma TGLS = 3-7; 4-11]		
[Hepatocellular Carcinoma TGLS = 1-12]		
[Necrosis TGLS = 2-13]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Preputial Gland	Atrophy	Mild
	Cyst	Mild
	Inflammation	Chronic, Mild
* Prostate	Inflammation	Chronic, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914292

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Minimal
* Brain	Mineralization	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 1-7]		
[Eosinophilic Focus TGLS = 1-7]		
[Hepatocellular Adenoma TGLS = 1-7]		
[Hepatocellular Carcinoma TGLS = 2-11]		
* Preputial Gland	Atrophy	Mild
	Inflammation	Chronic, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Minimal
* Gallbladder	Hyperplasia	Marked
	Ulcer	Marked
* Liver	Hepatoblastoma	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Necrosis	Marked
[Hepatoblastoma TGLS = 4-7]		
[Hepatocellular Adenoma TGLS = 6-13]		
[Hepatocellular Carcinoma TGLS = 6-13]		
[Necrosis TGLS = 5-12]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-14]		
* Preputial Gland	Atrophy	Moderate
	Cyst	Moderate
[Cyst TGLS = 1-8A]		
* Spleen	Hematopoietic Cell Proliferation	Marked
	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914294

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-11]

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-7, 4-11]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-7]			
* Pancreas	Duct	Cyst	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914295

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914296
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Cyst	Marked
		Inflammation	Chronic Active, Marked
		[Cyst TGLS = 1-8A]	
		[Inflammation TGLS = 1-8A]	
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914296

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Centrilobular	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-7]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 2-11]	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
		[Atrophy TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914298

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164	TRT#: 7	SEX: Male	DAY ON TEST: 722
	DOSE: 1000 PPM	DISP: Terminal Sacrifice	HISTO: MA914299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-7,11]			
[Hepatocellular Adenoma TGLS = 4-7,11]			
[Hepatocellular Carcinoma TGLS = 3-12]			
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-7; 3-11]		
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
Tooth		Developmental Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 639

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Spleen
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
Note: TGL 3-NCL			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: TGL 7-NCL			
[Hepatocellular Adenoma TGLS = 5,6-7]			
[Hepatocellular Carcinoma TGLS = 4-7]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-13]			
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 639

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914301

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Periportal	Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 2-11]		
	[Hepatocellular Adenoma TGLS = 2-7,11]		
	[Hepatocellular Carcinoma TGLS = 1-7]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Prostate		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 59

DOSE: 1000 PPM

DISP: Accidentally Killed

HISTO: MA914303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
	[Vacuolization Cytoplasmic TGLS = 1-2A]		
* Lung		Congestion	Mild
* Stomach, Glandular		Necrosis	Minimal
	[Necrosis TGLS = 2-6A]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 169	TRT#: 7	SEX: Male	DAY ON TEST: 723
	DOSE: 1000 PPM	DISP: Terminal Sacrifice	HISTO: MA914304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Minimal
	[Eosinophilic Focus TGLS = 2-7,7.1]		
	[Hepatocellular Carcinoma TGLS = 2-7,7.1]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
	[Cyst TGLS = 1-8A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 9

DOSE: 1000 PPM

DISP: Accidentally Killed

HISTO: MA914305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Liver	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Kidney	Renal Tubule	Dilatation	Mild
* Lung		Congestion	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 594

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Stomach, Glandular
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OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Marked
Note: NECROTIC (INFARCTED) LOBE OF LIVER WAS LIKELY A NEOPLASM. [Hepatocellular Carcinoma TGLS = 3-7] [Necrosis TGLS = 2-11]			
* Preputial Gland		Atrophy	Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
* Urin Bladder			
Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

Animal Note: BLOOD VESSELS IN LUNG HAD LEUKOCYTOSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular	Vacuolization Cytoplasmic	Marked
Note: VACUOLATION EXTENDS TO MIDZONAL AND PERIPORTAL AREAS BUT IS LESS SEVERE THERE.			
[Clear Cell Focus TGLS = 2-7]			
[Hepatocellular Adenoma TGLS = 3-11; 4-7]			
[Vacuolization Cytoplasmic TGLS = 2-7]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 406

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

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

* Kidney Note: TGL 4-NCL		Infiltration Cellular	Lymphocyte, Minimal
* Liver Note: TGL 3-NCL [Hepatocellular Adenoma TGLS = 5-2] [Hepatocellular Carcinoma TGLS = 2-2A]		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
* Preputial Gland		Atrophy Inflammation	Mild Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 649

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Infiltration Cellular	Mixed Cell, Mild
[Eosinophilic Focus TGLS = 2-7]		
[Hepatocellular Adenoma TGLS = 3-12]		
[Hepatocellular Carcinoma TGLS = 1-11]		
[Infiltration Cellular TGLS = 2-7]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Preputial Gland	Atrophy	Moderate
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 432

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Liver	Hepatocellular Adenoma		
	Hepatocellular Carcinoma		
	Necrosis		Mild
[Hepatocellular Adenoma TGLS = 2-2]			
[Hepatocellular Carcinoma TGLS = 1-2A]			
* Preputial Gland	Atrophy		Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1-7]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-7]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 177 TRT#: 7 SEX: Male DAY ON TEST: 722
 DOSE: 1000 PPM DISP: Terminal Sacrifice HISTO: MA914312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 1-7]	
		[Hepatoblastoma TGLS = 4-11]	
		[Hepatocellular Adenoma TGLS = 2,3-11]	
		[Hepatocellular Carcinoma TGLS = 1-7]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 3-12]			
[Hepatocellular Adenoma TGLS = 3-12]			
[Vacuolization Cytoplasmic TGLS = 4-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Preputial Gland		Atrophy	Mild
		Cyst	Marked
		Inflammation	Chronic, Mild
[Cyst TGLS = 1-8A]			
* Skin	Subcut Tiss	Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 5-13]			
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 7
DOSE: 1000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 722
HISTO: MA914313

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
		Inflammation	Chronic, Minimal
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,12]	
		[Hepatocellular Carcinoma TGLS = 1-12, 2-11]	
* Lung		Note: AGONAL HEMORRHAGE SEEN; NOT A LESION. TGL 3-NCL	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914316
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 3,4-11]			
[Hepatocellular Adenoma TGLS = 3,4-11]			
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
[Cyst TGLS = 1-8A]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain	Mineralization	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-7]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Atrophy	Moderate
	Cyst	Marked
[Cyst TGLS = 1-8A,8A.1]	Inflammation	Chronic Active, Moderate
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
		[Vacuolization Cytoplasmic TGLS = 4-7]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		[Cyst TGLS = 1-8A]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO: MA914319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Mineralization	Mild
* Heart		Thrombosis	Marked
Note: THROMBUS IN RIGHT ATRIUM.			
* Kidney	Renal Tubule	Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[Eosinophilic Focus TGLS = 7-13]			
[Hepatoblastoma TGLS = 4-12]			
[Hepatocellular Adenoma TGLS = 6,7-13]			
[Hepatocellular Carcinoma TGLS = 6-13]			
[Necrosis TGLS = 5-7,13; 7-13]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 8-6]			
* Lymph Node, Mesenteric		Atrophy	Mild
		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184	TRT#: 7	SEX: Male	DAY ON TEST: 709
	DOSE: 1000 PPM	DISP: Moribund Sacrifice	HISTO: MA914319

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 1-5]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-11]			
* Testes		Atrophy	Minimal
* Urin Bladder			
Note: TGL 2-NCL			
Note: BLADDER GREATLY DISTENDED.			

PRIMARY CAUSE OF DEATH	- Liver Hepatoblastoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 185 TRT#: 7 SEX: Male DAY ON TEST: 722
 DOSE: 1000 PPM DISP: Terminal Sacrifice HISTO: MA914320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Inflammation	Granulomatous, Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 2-5]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3,4-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-8A]			
* Prostate		Inflammation	Chronic, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Carcinoma TGLS = 1-7,11]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 3-7]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Marked
		[Cyst TGLS = 1-8A]	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 672

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Marked
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 1-7; 2-7; 3-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-6]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Mild
		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914324

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Minimal
* Kidney	Atrophy	Marked
	Nephropathy	Minimal
[Atrophy TGLS = 3-8]		
* Liver	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
[Hepatoblastoma TGLS = 4-7]		
[Hepatocellular Adenoma TGLS = 4-7]		
* Preputial Gland	Atrophy	Marked
	Cyst	Mild
[Cyst TGLS = 2-8A]		
* Thymus	Atrophy	Mild
Tooth	Developmental Malformation	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 3-11]	
		[Hepatocellular Carcinoma TGLS = 2-12]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 1-5]	
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 722 HISTO: MA914327
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Inflammation	Granulomatous, Marked
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 2-13; 3-7,11; 4-12]	
		[Hepatoblastoma TGLS = 5-7]	
		[Hepatocellular Adenoma TGLS = 2-13; 3-7,11; 4-12]	
		[Hepatocellular Carcinoma TGLS = 5-7]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Marked
		[Cyst TGLS = 1-1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914327

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193	TRT#: 7 DOSE: 1000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: MA914328
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: LARGE AREAS OF NECROSIS IN TUMORS. [Eosinophilic Focus TGLS = 2-14; 3-13; 4-12] [Hepatocellular Adenoma TGLS = 2-14; 3-13; 4-12] [Hepatocellular Carcinoma TGLS = 2-14]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 5-11]	
		[Hyperplasia TGLS = 5-11]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
		[Cyst TGLS = 1-8A]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914328

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 624

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Atrophy	Marked
		Inflammation	Chronic, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY 2 ML RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 195 TRT#: 7 SEX: Male DAY ON TEST: 722
 DOSE: 1000 PPM DISP: Terminal Sacrifice HISTO: MA914330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		[Hepatoblastoma TGLS = 1-7]	
		[Hepatocellular Adenoma TGLS = 2-7,12; 3-11]	
* Lung		Hepatoblastoma	Metastatic (Liver)
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 3-12]	
		[Hepatoblastoma TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 3-12]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
Lymph Node	Renal	Hemorrhage	Mild
		[Hemorrhage TGLS = 4-13]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Atrophy	Moderate
		Cyst	Moderate
		[Cyst TGLS = 1-8A]	
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914331

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 3-7]	
		[Hepatocellular Carcinoma TGLS = 1-7; 2-11]	
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Epididymis		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
		[Hepatocellular Adenoma TGLS = 8-12]	
		[Hepatocellular Carcinoma TGLS = 1-13; 6-7; 7-12]	
		[Squamous Cell Carcinoma TGLS = 1-13]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
		[Squamous Cell Carcinoma TGLS = 9-11]	
Mesentery		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
		[Squamous Cell Carcinoma TGLS = 4-14]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
		[Squamous Cell Carcinoma TGLS = 3-2,2.1]	
Peritoneum		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Preputial Gland		Atrophy	Marked
* Seminal Vesicle		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 1000 PPM

DISP: Natural Death

HISTO: MA914333

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle [Squamous Cell Carcinoma TGLS = 5-15]	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Spleen	Hematopoietic Cell Proliferation	Mild
	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Stomach, Forestomach	Inflammation	Chronic, Minimal
* Stomach, Glandular	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Testes	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
* Thymus	Atrophy	Moderate
* Urinary Bladder	Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

Animal Note: ABDOMINAL CAVITY 2ML RED FULID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 2-7,11]		
	[Hepatocellular Adenoma TGLS = 2-7,11]		
	[Hepatocellular Carcinoma TGLS = 2-7,11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland		Atrophy	Marked
		Cyst	Moderate
		Inflammation	Chronic Active, Moderate
	[Cyst TGLS = 1-8A]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: MA914335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Hypertrophy	Moderate
	Centrilobular	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-11; 3-14]		
	[Hypertrophy TGLS = 4-13]		
	[Vacuolization Cytoplasmic TGLS = 4-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Atrophy	Moderate
		Cyst	Mild
	[Cyst TGLS = 1-8A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 4-4]	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Liver [Eosinophilic Focus TGLS = 5-11] [Hepatocellular Adenoma TGLS = 5-11]		Eosinophilic Focus Hepatocellular Adenoma	Multiple
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Nose	Olfactory Epi Respirat Epith Respirat Epith	Degeneration Degeneration Hyperplasia	Hyaline, Minimal Hyaline, Mild Mild
* Ovary		Granulosa Cell Tumor Benign	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus [Hyperplasia TGLS = 2,3-8]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 662

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Ovary
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AUTO PRECLUDES DIAG.

Blood Vessel	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Spleen	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-6]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

Animal Note: THORACIC CAVITY 1-2CC RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 219

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: MA914454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Cyst	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 5-7]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Mesentery		Inflammation	Chronic Active, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 2-8,8.1]			
* Skin		Inflammation	Chronic Active, Marked
	Subcut Tiss	Schwannoma Malignant	
Note: SCHWANNOMA LOCATED ON LEFT REAR FOOT.			
[Inflammation TGLS = 6-12]			
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 219

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914454

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-7]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 3-8,8.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 220

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
		Cyst	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Congestion	Mild
		Hyperplasia	Cystic, Mild

[Congestion TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic, Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8,8.1]			
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 7-7,12]			
[Lymphoma Malignant TGLS = 7-7,12]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-14]			
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914456

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 3-7]	Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 3-7]	Lymphoma Malignant	
* Uterus [Cyst TGLS = 1-11] [Hyperplasia TGLS = 2-8,8.1]	Cyst Hyperplasia	Marked Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Adenoma TGLS = 1-7]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-7]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8,8.1]			
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Cyst	Marked
		Hyperplasia	Cystic, Mild
[Cyst TGLS = 2-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 224	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 711 HISTO: MA914459
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-7]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Mesentery Lymphoma Malignant;Spleen Lymphoma Malignant;Thymus Lymphoma Malignant		

Animal Note: THORACIC CAVITY RED FLUID, TGL 3-NST

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-7,11]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12,12.1; 2-12,12.1,13,14]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 1-12,12.1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Ectopic Parathyroid Gland	Mild
		Hyperplasia	Lymphoid, Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 226	TRT#: 2	SEX: Female	DAY ON TEST: 625
	DOSE: 0 PPM	DISP: Natural Death	HISTO: MA914461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Hemorrhage	Marked
		Mineralization	Minimal
[Hemorrhage TGLS = 11-1]			
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 9,10-7]			
[Histiocytic Sarcoma TGLS = 8,9-7]			
Lymph Node	Iliac	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-12,12.1]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-2,2.1,13]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 226

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 625
HISTO: MA914461

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-7]

[Histiocytic Sarcoma TGLS = 4,5-7]

* Uterus

[Hyperplasia TGLS = 2-8,8.1]

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Histiocytic Sarcoma;Lymph Node Iliac Histiocytic Sarcoma;Lymph Node;Mandibular Histiocytic Sarcoma;Lymph Node;Mesenteric Histiocytic Sarcoma;Spleen Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 151

DOSE: 0 PPM

DISP: Accidentally Killed

HISTO: MA914462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Atrophy	Moderate
* Int Sm Duoden		
Note: ECTOPIC PANCREAS IN DUODENUM.		
* Thymus	Necrosis	Mild
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-7,7.1]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:09
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 230

TRT#: 2
 DOSE: 0 PPM

SEX: Female
 DISP: Accidentally Killed

DAY ON TEST: 554
 HISTO: MA914465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-11, 3-12]		
	[Hepatocellular Carcinoma TGLS = 1-7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Necrosis	Minimal
	[Necrosis TGLS = 4-4]		
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 231

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 2-7,7.1]	
		[Hepatocellular Carcinoma TGLS = 4-12]	
		[Mixed Cell Focus TGLS = 2-7,7.1]	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
		[Adenoma TGLS = 3-2]	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 1-11]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-7,12]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-8,8.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-7,7.1]			
[Eosinophilic Focus TGLS = 2-7,7.1]			
[Hepatocellular Adenoma TGLS = 4-7,7.1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Adenoma	
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 234

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: MA914469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-7]	
		[Hepatocellular Carcinoma TGLS = 4-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
		[Cyst TGLS = 3-8,8.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Uterus		Cyst	Marked
		Hyperplasia	Cystic, Moderate
		[Cyst TGLS = 2-8,8.1]	

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 235

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 476

HISTO: MA914470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
-----------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 3-2,2A]		
	[Hepatocellular Carcinoma TGLS = 2-2B]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4,5-1]		
Lymph Node	Mediastinal	Hemorrhage	Mild
	[Hemorrhage TGLS = 6-5]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
		Inflammation	Acute, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 235

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 476
HISTO: MA914470

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: THORACIC CAVITY 2ML RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
		[Mixed Cell Focus TGLS = 2-11]	
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Minimal Hyaline, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 1-8,8.1]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Moderate
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Cyst	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-7,11]	
		[Hepatoblastoma TGLS = 3-11]	
		[Hepatocellular Adenoma TGLS = 3-7,11]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 2-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
		[Cyst TGLS = 1-8,8.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 237

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914472

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder
* Uterus

Infiltration Cellular
Hyperplasia

Lymphocyte, Minimal
Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-7]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 239

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: TGL 4-NCL			
[Basophilic Focus TGLS = 3-7,11,11.1]			
[Hepatocellular Adenoma TGLS = 3-7,11,11.1]			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Skin)
* Ovary		Cyst	Moderate
		Cystadenoma	
[Cyst TGLS = 2-8]			
[Cystadenoma TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 5-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 239

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914474

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914475
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone		Hyperostosis	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Int Lg Colon			
Note: ECTOPIC CRYPT AND GLANDS ON SEROSA.			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Adenoma TGLS = 2,3-11]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-12, 4-7]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 5-11]			
Lymph Node	Iliac	Hemorrhage	Mild
	Iliac	Hyperplasia	Lymphoid, Moderate
	Iliac	Pigmentation	Mild
[Hemorrhage TGLS = 2-14]			
[Hyperplasia TGLS = 2-14]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-13]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 241

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914476

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Atrophy	Moderate
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Lymphoma Malignant	
Note: TGL 5-NCL			
[Lymphoma Malignant TGLS = 4-8]			
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 8-11]			
[Lymphoma Malignant TGLS = 6,7,9-7; 8-11]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6,7,9-7; 8-11]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 242

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914477

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-7]

[Lymphoma Malignant TGLS = 3-7]

* Thymus

* Urinary Bladder

* Uterus

Atrophy

Infiltration Cellular

Hyperplasia

Mild

Lymphocyte, Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Pigmentation	Mild
[Pigmentation TGLS = 1-8,8.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 5,6-12]			
[Hepatocellular Carcinoma TGLS = 5,6-12]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
Mesentery		Infiltration Cellular	Lymphocyte, Marked
[Infiltration Cellular TGLS = 4-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-8,8.1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 568

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
* Heart		Inflammation	Chronic Active, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3-7]			
Lymph Node	Mediastinal	Inflammation	Chronic Active, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery		Inflammation	Chronic Active, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-7]			
* Thymus		Atrophy	Marked
* Uterus		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-8,8.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 244

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 568
HISTO: MA914479

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney			
Note: TGL 3-NCL			
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		Mixed Cell Focus	
		Necrosis	Marked
[Hepatocellular Adenoma TGLS = 4-12]			
[Lymphoma Malignant TGLS = 4-12]			
[Mixed Cell Focus TGLS = 4-12]			
[Necrosis TGLS = 5-12]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 245	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 687 HISTO: MA914480
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
* Stom Forestom			
Note: GROSS GASTRIC SEROSAL LESION ACTUALLY PART OF LIVER. TGL 2-NCL			
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- UNCERTAIN						
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Liver	Lymphoma Malignant;Liver	Mixed Cell Focus;Ovary	Lymphoma Malignant;Spleen	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Ovary		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 247	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 691 HISTO: MA914482
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
* Mammary Gland	* Skin		

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Multiple
* Brain	Meninges	Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Heart			
Note: BACTERIAL COLONY IN LEFT VENTRICLE.			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: TGL 7 IS DUPLICATION OF TGL 4.			
[Hepatocellular Adenoma TGLS = 8-7]			
[Hepatocellular Carcinoma TGLS = 4-12; 7-12]			
* Lung	Alveolus	Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Hemorrhage TGLS = 5-6]			
* Lymph Node, Mandibular		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 247

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 691
HISTO: MA914482

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-7]

* Thymus

Atrophy

Moderate

* Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY 1ML RED FLUID, TGL 2-NST

Animal Note: THORACIC CAVITY .5ML RED FLUID, TGL 6-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 565
HISTO: MA914483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION AT BASE OF HEART. BACTERIA IN LUMEN.			
* Clitoral Gland		Atrophy	Marked
* Kidney			
Note: TGL 5-NCL			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-7]			
[Hepatocellular Adenoma TGLS = 3-7]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 4-11.1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-8,8.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 565
HISTO: MA914483

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

* Uterus

Pigmentation

Mild

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 249

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-7]			
[Hepatocellular Adenoma TGLS = 3-7]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11; 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 250

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 644
HISTO: MA914485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Mixed Cell Focus	
* Nose		Foreign Body	
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 251

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Minimal
* Clitoral GI			
Note: NO CLITORAL GLAND EVIDENT.			
* Kidney		Infarct	Marked
		Nephropathy	Mild
[Infarct TGLS = 3,4-8]			
* Liver		Hematopoietic Cell Proliferation	Moderate
		Sarcoma	Metastatic (Skin)
Note: TGL 6-NCL			
[Sarcoma TGLS = 5-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
		Sarcoma	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-7]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 251

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914486

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 7-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 252

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-7,11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-8,8.1]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8,8.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 253	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 644 HISTO: MA914488
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hemorrhage	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[Hemorrhage TGLS = 7-12]			
[Hepatocellular Adenoma TGLS = 5-7,13]			
[Hepatocellular Carcinoma TGLS = 6-7]			
[Necrosis TGLS = 7-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-14]			
[Hyperplasia TGLS = 8-15]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-2,2.1]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 253

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 644
HISTO: MA914488

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Necrosis	Minimal
	[Necrosis TGLS = 3-4]		
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 254

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Developmental Malformation	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 255

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 1-11]			
[Hepatocellular Adenoma TGLS = 1-11; 2-7]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 697

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA914491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral GI			
Note: TGL 2-NST			
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
* Intestine Large, Rectum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-8,8.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 9-8,8.1]			
[Hepatocellular Adenoma TGLS = 10,14-7]			
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO: MA914491
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ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Lymphoma Malignant Lymphoma Malignant	
Note: TGL 1 INVOLVES AXILLARY LN; HOWEVER TERM NOT AVAILABLE.			
	[Lymphoma Malignant TGLS = 7-14]		
	[Lymphoma Malignant TGLS = 11-15]		
	[Lymphoma Malignant TGLS = 4-13]		
	[Lymphoma Malignant TGLS = 1-12]		
	[Lymphoma Malignant TGLS = 13-11]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-12]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
	[Cyst TGLS = 5-8,8.1]		
	[Lymphoma Malignant TGLS = 1-12]		
* Pancreas		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-8,8.1]		
* Salivary Glands		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-8,8.1]		
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-7]		
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-7]		
* Thyroid Gland		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO: MA914491
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ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea [Lymphoma Malignant TGLS = 8-7]	Lymphoma Malignant	
* Urinary Bladder [Lymphoma Malignant TGLS = 8-7]	Lymphoma Malignant	
* Uterus [Hyperplasia TGLS = 6-8,8.1] [Lymphoma Malignant TGLS = 6-8,8.1]	Hyperplasia Lymphoma Malignant	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Gallbladder Lymphoma Malignant;Heart Lymphoma Malignant;Intestine Large;Cecum Lymphoma Malignant;Intestine Large;Rectum Lymphoma Malignant;Kidney Lymphoma Malignant;Liver Eosinophilic Focus;Lung Mediastinum Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node Iliac Lymphoma Malignant;Lymph Node Inguinal Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Mesentery Lymphoma Malignant;Ovary Lymphoma Malignant;Pancreas Lymphoma Malignant;Salivary Glands Lymphoma Malignant;Skin Subcut Tiss Lymphoma Malignant;Spleen Lymphoma Malignant;Thymus Lymphoma Malignant;Thyroid Gland Lymphoma Malignant;Trachea Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

Animal Note: THORACIC CAVITY 2ML CLEAR FLUID, TGL 12-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 714
HISTO: MA914492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Lung		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	

Note: TGL 2-NST

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 258	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 375 HISTO: MA914493
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Histiocytic Sarcoma	
* Bone Marrow	Histiocytic Sarcoma	
* Kidney	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-3]		
* Liver	Eosinophilic Focus	
	Infiltration Cellular	Lymphocyte, Minimal
[Eosinophilic Focus TGLS = 3-2]		
* Lung	Histiocytic Sarcoma	
* Lymph Node, Mandibular	Histiocytic Sarcoma	
* Lymph Node, Mesenteric	Hematopoietic Cell Proliferation	Mild
* Ovary	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4A]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Histiocytic Sarcoma; Bone Marrow Histiocytic Sarcoma; Ovary Histiocytic Sarcoma	Histiocytic Sarcoma; Kidney Histiocytic Sarcoma	Histiocytic Sarcoma; Lung Histiocytic Sarcoma; Lymph Node; Mandibular Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 259

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 1-8,8.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8,8.1]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:10
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 260	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: MA914495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Diffuse, Mild
[Eosinophilic Focus TGLS = 1-7,7.1]			
[Hepatocellular Adenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Marked
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 3-11]			
[Hepatocellular Carcinoma TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-7,7.1,7.2]			
Tooth		Developmental Malformation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA914498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Rectum	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-12]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Polyp Stromal TGLS = 1-8]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 264	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Accidentally Killed	DAY ON TEST: 64 HISTO: MA914499
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Blood Vessel	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Clitoral Gland	Atrophy	Moderate
* Stomach, Glandular [Necrosis TGLS = 1-6A]	Necrosis	Mild
* Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA914500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-12]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 4-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2,3-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Atrophy	Moderate
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-7; 3-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:10
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 2-11]	
		[Hepatocellular Adenoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 3-3]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1-8,8.1]	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 696

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 2-7]		
	[Hepatocellular Adenoma TGLS = 2,3-7; 4-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 1-8,8.1]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Atrophy	Mild
* Stomach, Glandular		Necrosis	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 4
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 696
HISTO: MA914603

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 599

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1,2-4]			
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 6-7]			
[Hepatoblastoma TGLS = 8-11]			
[Hepatocellular Adenoma TGLS = 7-13]			
[Hepatocellular Carcinoma TGLS = 6-7]			
[Lymphoma Malignant TGLS = 5-7]			
* Lung		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 269	TRT#: 4	SEX: Female	DAY ON TEST: 599
	DOSE: 125 PPM	DISP: Natural Death	HISTO: MA914604

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-3,3.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Mesentery		Sarcoma	
[Sarcoma TGLS = 4-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN				
CONTRIBUTORY CAUSE OF DEATH	- Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 270	TRT#: 4	SEX: Female	DAY ON TEST: 4
	DOSE: 125 PPM	DISP: Accidentally Killed	HISTO: MA914605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Uterus			

MISSING

Blood Vessel

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
* Lung		Congestion	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 649

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-11; 4-7]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Moderate
	[Cyst TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914607

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-7]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2,2.1]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 7-7,15]			
[Hepatocellular Carcinoma TGLS = 7-15]			
* Lung			
Note: TGL 8-NCL			
Lymph Node	Bronchial	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-12]			
[Lymphoma Malignant TGLS = 10-14]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2,2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914609
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ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-13]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 3-8]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 713

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Small, Duodenum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-7]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-7]			
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-7]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-7]			
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 275	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 713 HISTO: MA914610
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia Lymphoma Malignant	Cystic, Marked

[Hyperplasia TGLS = 2-8,8.1]
[Lymphoma Malignant TGLS = 1-11]

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Liver Lymphoma Malignant;Lymph Node Pancreatic Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Spleen Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 4,5-7]	
		[Mixed Cell Focus TGLS = 4,5-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
		[Cyst TGLS = 3-8,8.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1,2-8,8.1]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 277

TRT#: 4

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 605

HISTO: MA914612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-7,7.1; 4-12; 5-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-6]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8,8.1]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-7]	
		[Hepatocellular Adenoma TGLS = 4-7]	
		[Hepatocellular Carcinoma TGLS = 4-7]	
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Note: TGL 5-NCL		
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hemorrhage	Mild
		[Ectasia TGLS = 3-13]	
		[Hemorrhage TGLS = 3-13]	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 2-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914613
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-11.1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 20

DOSE: 125 PPM

DISP: Accidentally Killed

HISTO: MA914614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose	Olfactory Epi	Necrosis	Minimal
	Respirat Epith	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Clitoral Gland	* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-11]	
		[Hepatocellular Carcinoma TGLS = 2-7,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 1-7]	
		[Lymphoma Malignant TGLS = 1-7]	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914615

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:10
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 281	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 372 HISTO: MA914616
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-4A]			
* Stom Gland			
Note: TGL 2-NCL			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 680

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Jejunum	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Capsule	Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Necrosis	Mild
[Necrosis TGLS = 1-11; 2-5]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282

TRT#: 4
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 680
HISTO: MA914617

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Mesentery Fat Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-7]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 284	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Accidentally Killed	DAY ON TEST: 16 HISTO: MA914619
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Blood Vessel

OBSERVATIONS

* Thymus	Necrosis	Minimal
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: TGL 3-NCL [Hepatocellular Adenoma TGLS = 1-7; 2-11; 5-12]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Marked
Note: TGL 2-NCL			
	[Hepatocellular Adenoma TGLS = 4,5-7,11]		
	[Hepatocellular Carcinoma TGLS = 4-7]		
	[Necrosis TGLS = 3-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

Note: TGL 1-NCL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 286

TRT#: 4
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914621

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Esophagus		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Infarct	Minimal
		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-13]	
		[Lymphoma Malignant TGLS = 8-11]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-2]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-5]	
Mesentery		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-13]	
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
		Lymphoma Malignant	
		[Cyst TGLS = 4-8]	
		[Lymphoma Malignant TGLS = 2-13]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 287	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914622
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	Moderate
		Lymphoma Malignant	
	[Cyst TGLS = 6-2]		
	[Lymphoma Malignant TGLS = 6-2]		
* Salivary Glands		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-2]		
* Skin	Subcut Tiss	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-12]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 7-7]	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		
* Thyroid Gland		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		
* Trachea		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		
* Urinary Bladder		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 288	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914623
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2,3-7]		
	[Mixed Cell Focus TGLS = 3-7]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 1-8]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289	TRT#: 4	SEX: Female	DAY ON TEST: 573
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO: MA914624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 6,7-11]	
		[Hepatocellular Carcinoma TGLS = 4,5-7]	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 2-13]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 1-12]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 3-7]	
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Clitoral Gland		Atrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-11]			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-14]			
[Hepatocellular Adenoma TGLS = 3-7; 4-13; 5-7]			
[Mixed Cell Focus TGLS = 5-14]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 290

TRT#: 4
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914625

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 608

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pancreas	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Leukemia Granulocytic	
* Clitoral Gland		Atrophy	Moderate
* Kidney		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 9-8]		
* Liver		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 11-7]		
* Lung		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 11-7]		
Lymph Node	Iliac	Leukemia Granulocytic	
	Mediastinal	Leukemia Granulocytic	
	Pancreatic	Leukemia Granulocytic	
	Renal	Leukemia Granulocytic	
		Leukemia Granulocytic	

Note: TGL 3 INVOLVES THE AXILLARY LYMPH NODE.

[Leukemia Granulocytic TGLS = 12-16]
 [Leukemia Granulocytic TGLS = 3-11]
 [Leukemia Granulocytic TGLS = 6-15]
 [Leukemia Granulocytic TGLS = 10-13]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 291	TRT#: 4	SEX: Female	DAY ON TEST: 608
	DOSE: 125 PPM	DISP: Natural Death	HISTO: MA914626

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Granulocytic TGLS = 8-12]			
* Lymph Node, Mandibular		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 2-2,2.1]			
* Lymph Node, Mesenteric		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 7-14]			
Mesentery		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 3-11]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-3]			
* Salivary Glands		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 13-3]			
* Spleen		Hemorrhage	Moderate
		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4,5-7]			
* Thymus		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4,5-7]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Adrenal Cortex Leukemia Granulocytic;Kidney Leukemia Granulocytic;Liver Leukemia Granulocytic;Lung Leukemia Granulocytic;Lymph Node Mediastinal Leukemia Granulocytic;Lymph Node Pancreatic Leukemia Granulocytic;Lymph Node Renal Leukemia Granulocytic;Lymph Node Iliac Leukemia Granulocytic;Lymph Node Leukemia Granulocytic;Lymph Node;Mandibular Leukemia Granulocytic;Lymph Node;Mesenteric Leukemia Granulocytic;Mesentery Leukemia Granulocytic;Ovary Leukemia Granulocytic;Salivary Glands Leukemia Granulocytic;Spleen Leukemia Granulocytic;Thymus Leukemia Granulocytic

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

Animal Note: LEUKEMIA, GRANULOCYTIC IS MOST LIKELY MEGAKARYOCYTIC; HOWEVER TERM IS UNAVAILABL E.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Clear Cell Focus TGLS = 2-11,13]			
[Eosinophilic Focus TGLS = 2-11,13]			
[Hepatocellular Adenoma TGLS = 2-7,11; 3-12,13]			
[Hepatocellular Carcinoma TGLS = 2-11,13]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 294	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 674 HISTO: MA914629
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Hemorrhage	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
Note: 3-NCL			
[Hepatocellular Adenoma TGLS = 2-7]			
* Lung		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
Lymph Node	Iliac	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 4-11]			
* Mammary Gland		Hyperplasia	Marked
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3,3.1]			
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 5-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Cyst	Moderate
		Hyperplasia	Cystic, Marked
[Cyst TGLS = 1-8,8.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 294	TRT#: 4	SEX: Female	DAY ON TEST: 674
	DOSE: 125 PPM	DISP: Natural Death	HISTO: MA914629

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8,8.1]

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 555

DOSE: 125 PPM

DISP: Accidentally Killed

HISTO: MA914630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Uterus | | | |

MISSING

- | | |
|------------------|-------------------|
| * Clitoral Gland | * Pituitary Gland |
|------------------|-------------------|

AUTO PRECLUDES DIAG.

- | | |
|---------------|--------------------------|
| * Gallbladder | * Intestine Small, Ileum |
|---------------|--------------------------|

OBSERVATIONS

- | | | | |
|---|-----|------------------------------|------------------|
| * Liver | | Hepatocellular Adenoma | Multiple |
| [Hepatocellular Adenoma TGLS = 3-12; 4-13; 5-14; 6,7-7] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 8-11] | | | |
| Mesentery | Fat | Necrosis | Marked |
| [Necrosis TGLS = 1-16; 2-15] | | | |
| * Salivary Glands | | Infiltration Cellular | Lymphocyte, Mild |
| * Thymus | | Atrophy | Moderate |
| * Urinary Bladder | | Infiltration Cellular | Lymphocyte, Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-7]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Uterus		Cyst	Marked
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Blood Vessel	* Pituitary Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Sarcoma	Minimal Metastatic (Mesentery)
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney			
Note: TGL 5-NCL			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 6-7,7.1]			
* Lung		Sarcoma	Metastatic (Mesentery)
Note: TGL 7-NCL			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Mesentery)
	Pancreatic	Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 4-2]			
Mesentery		Lipoma Sarcoma	
[Lipoma TGLS = 1-12]			
[Sarcoma TGLS = 4-2,11]			
* Ovary		Sarcoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297	TRT#: 4	SEX: Female	DAY ON TEST: 677
	DOSE: 125 PPM	DISP: Natural Death	HISTO: MA914632

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 2-13]		
* Pancreas	Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 4-2]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8]		

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 2-7]	
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 299	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: 125 PPM	DISP: Terminal Sacrifice	HISTO: MA914634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Pituitary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-7]		
	[Hepatocellular Carcinoma TGLS = 1-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 4-7,12]	
		[Hepatocellular Carcinoma TGLS = 4-7,12]	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 1-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
		[Hyperplasia TGLS = 2-8,8.1]	
		[Polyp Stromal TGLS = 3-8,8.1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914635

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 642

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Schwannoma Malignant	Metastatic (Skin)
* Liver		Eosinophilic Focus	
* Lung	Mediastinum	Schwannoma Malignant	Metastatic (Skin)
		Schwannoma Malignant	Metastatic (Skin)
		[Schwannoma Malignant TGLS = 3-6]	
* Lymph Node, Mandibular		Schwannoma Malignant	Metastatic (Skin)
		[Schwannoma Malignant TGLS = 2-2,2.1]	
Oviduct		Schwannoma Malignant	Metastatic (Skin)
* Salivary Glands		Schwannoma Malignant	Metastatic (Skin)
		[Schwannoma Malignant TGLS = 2-2,2.1]	
* Skin	Subcut Tiss	Schwannoma Malignant	
		Note: GRANULAR CELLS INTERMINGLED WITH SPINDLE CELLS.	
		[Schwannoma Malignant TGLS = 2-11]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

DOSE: 125 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 642

HISTO: MA914636

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland Note: TGL 1-NCL		Atrophy	Moderate
* Liver [Hepatocellular Adenoma TGLS = 4-11; 5-7,7.1]		Hepatocellular Adenoma	Multiple
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary	Periovarn Tiss	Cyst	Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Mild
* Spleen [Hyperplasia TGLS = 3-7]		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Lymphoid, Mild
* Uterus [Hyperplasia TGLS = 2-8,8.1]		Hyperplasia	Minimal
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914638
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12; 3-4,4.1]			
* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 7-14]			
[Hepatocellular Carcinoma TGLS = 6-7]			
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-7]			
[Lymphoma Malignant TGLS = 5-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914638

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 3-7]			
[Hepatocellular Adenoma TGLS = 3-7; 4-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked
Note: DARK FOCUS IS ERYTHROCYTES IN CYSTIC GLAND.			
[Hyperplasia TGLS = 1,2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 172

DOSE: 125 PPM

DISP: Accidentally Killed

HISTO: MA914640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Lung	Congestion	Mild
* Stomach, Glandular [Necrosis TGLS = 1-6,6A]	Necrosis	Minimal
* Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 6-12]		
	[Hepatocellular Carcinoma TGLS = 2-13; 3,4-14; 5-12]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 724

DOSE: 125 PPM

DISP: Natural Death

HISTO: MA914642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-7,11]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Necrosis	Mild
[Necrosis TGLS = 4-4]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Cyst	Moderate
		Hyperplasia	Cystic, Moderate
[Cyst TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 3-7,11]	
		[Hepatocellular Carcinoma TGLS = 3-7,11]	
* Lung			
		Note: AGONAL HEMORRHAGE PRESENT, NO LESION. TGL 4-NCL	
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 1-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
		[Hematopoietic Cell Proliferation TGLS = 2-7]	
		[Hyperplasia TGLS = 2-7]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 308

TRT#: 4
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914643

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Capsule	Hyperplasia	Minimal
Blood Vessel	Aorta	Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Infiltration Cellular	Histiocyte, Mild
		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 6-8]		
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
	[Hepatocellular Adenoma TGLS = 10-12]		
	[Hepatocellular Carcinoma TGLS = 8,9-7]		
	[Histiocytic Sarcoma TGLS = 7-7,12]		
* Lung		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 10-12]		
Lymph Node	Iliac	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 3-15]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 310	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914645
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ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 2-14] [Necrosis TGLS = 1-13]			
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Minimal
* Ovary		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-14]			
* Pancreas		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-14]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation Histiocytic Sarcoma	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-7,11] [Histiocytic Sarcoma TGLS = 4-7,11; 5-11]			
* Thymus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 11-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus		Histiocytic Sarcoma Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 419

DOSE: 125 PPM

DISP: Accidentally Killed

HISTO: MA914646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland		Atrophy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Periportal	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-2;2-2A]		
* Pituitary Gland			
	Note: PITUITARY GLAND VERY CONGESTED; HOWEVER TERM NOT AVAILABLE. TGL 3-NCL		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Necrosis	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Marked
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 2-7,11]			
[Eosinophilic Focus TGLS = 2-7,11]			
[Hepatocellular Adenoma TGLS = 2-7,11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-7]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-6]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 314	TRT#: 4 DOSE: 125 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914649
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: TGL 2-NCL			
		[Hepatocellular Adenoma TGLS = 3-7,12]	
		[Hepatocellular Carcinoma TGLS = 3-7]	
		[Mixed Cell Focus TGLS = 3-7,12]	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 1-11]	
Mesentery		Histiocytic Sarcoma	
		[Histiocytic Sarcoma TGLS = 3-7]	
* Ovary		Angiectasis	Mild
* Pancreas		Histiocytic Sarcoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914649

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-7]			
* Lung			
Note: EXTENSIVE AGONAL HEMORRHAGE, NOT A LESION. TGL 4-NCL			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 125 PPM

DISP: Terminal Sacrifice

HISTO: MA914650

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 316	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Accidentally Killed	DAY ON TEST: 40 HISTO: MA914551
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

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

* Lung	Congestion	Mild
* Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Gallbladder	* Ovary
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-7,7.1,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lung			
		Note: AGONAL HEMORRHAGE, NOT A LESION. TGL 3-NCL	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Skin	Subcut Tiss	Hemangioma	
		[Hemangioma TGLS = 1-5]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 175

DOSE: 250 PPM

DISP: Accidentally Killed

HISTO: MA914553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
* Liver	Periportal	Vacuolization Cytoplasmic	Minimal
* Lung		Congestion	Mild
* Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Mesentery

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11,12]	
Mesentery			
Note: TGL 1-NST			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MESENTERY, FAT, NODULE, 4X13MM, YELLOW, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 633

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Adrenal Cortex	* Adrenal Medulla
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Necrosis	Moderate
* Lung		Hepatoblastoma	Metastatic (Liver)
Lymph Node	Pancreatic	Hepatoblastoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatoblastoma	Metastatic (Liver)
Mesentery		Hepatoblastoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 320	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 633 HISTO: MA914555
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ORGAN AND ACCOUNTABLE SITE STATUS

Peritoneum [Hepatoblastoma TGLS = 9-13,16]	Respirat Epith	Hyperplasia Hepatoblastoma	Minimal Metastatic (Liver)
Skeletal Muscle [Hepatoblastoma TGLS = 9-16]		Hepatoblastoma	Metastatic (Liver)
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-7]		Hematopoietic Cell Proliferation	Moderate
* Thymus Tissue NOS [Hepatoblastoma TGLS = 6-12]		Atrophy Hepatoblastoma	Moderate Metastatic (Liver)
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: ABDOMINAL CAVITY 5CC RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Pigmentation	Mild
	[Pigmentation TGLS = 1-8]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 3-7,12]		
	[Hepatocellular Adenoma TGLS = 3-7,12]		
	[Hepatocellular Carcinoma TGLS = 3-7,12]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-6]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914556

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 696

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Atrophy	Mild
		Inflammation	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 4-7; 5,7-12]	
		[Hepatocellular Carcinoma TGLS = 6-12]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Marked
		[Cyst TGLS = 1-8,8.1]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Necrosis	Minimal
		[Necrosis TGLS = 3-4]	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 322	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 696 HISTO: MA914557
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Colon

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-14]		
	[Hepatocellular Carcinoma TGLS = 3-7,14]		
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-14]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 2-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Atrophy	Marked
Tissue NOS		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-12]		
* Uterus		Cyst	Marked
	[Cyst TGLS = 1-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914558

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung

Animal Note: THORACIC CAVITY 05MM PALE NODULE, TGL 5-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Spleen	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Moderate
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-7]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus			
Note: TGL 1-NST			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 684 HISTO: MA914562
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Thymus	* Trachea		

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Marked
		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-7,11; 3,4-11]		
	[Lymphoma Malignant TGLS = 2-7,11; 3,4-11]		
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 684 HISTO: MA914562
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-7]			
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Lymphoma Malignant;Brain Lymphoma Malignant;Clitoral Gland Lymphoma Malignant;Heart Lymphoma Malignant;Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Mediastinum Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Ovary Lymphoma Malignant;Pancreas Lymphoma Malignant;Salivary Glands Lymphoma Malignant;Skin Lymphoma Malignant;Spleen Lymphoma Malignant;Stomach;Glandular Lymphoma Malignant;Thyroid Gland Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 328	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914563
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-7,12]		
	[Hepatocellular Carcinoma TGLS = 2-7,12]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-11]		
* Nose	Olfactory Epi Respirat Epith	Degeneration Hyperplasia	Hyaline, Minimal Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 329	TRT#: 6	SEX: Female	DAY ON TEST: 3
	DOSE: 250 PPM	DISP: Accidentally Killed	HISTO: MA914564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Blood Vessel	* Lymph Node, Mesenteric
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney Note: TGL 1-NCL	Renal Tubule	Dilatation	Mild
* Lung		Congestion	Mild
* Thyroid Gl Note: ECTOPIC THYMUS PRESENT.			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-7,12]	
		[Hepatocellular Carcinoma TGLS = 3-12]	
* Lymph Node, Mesenteric		Angiectasis	Mild
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 1-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Cyst	Marked
		Hyperplasia	Cystic, Moderate
		[Cyst TGLS = 2-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 1-8]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 4-7]		
	[Hepatocellular Carcinoma TGLS = 4-12; 5-13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 3-11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914566

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-12]			
[Hepatocellular Carcinoma TGLS = 3-7]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
Note: TGL 3-NCL			
Note: ADENOMA IS INFARCTED.			
[Hepatocellular Adenoma TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 4-13]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	Moderate
	Artery	Inflammation	Chronic, Mild
[Cyst TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914568

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334 TRT#: 6 SEX: Female DAY ON TEST: 642
DOSE: 250 PPM DISP: Natural Death HISTO: MA914569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-7]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Inflammation	Chronic Active, Mild
	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 4-12]			
* Spleen		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-7]			
* Thymus		Atrophy	Marked
* Uterus		Cyst	Moderate
[Cyst TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 1-7,7.1]	
		[Hepatocellular Carcinoma TGLS = 1-7,7.1]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 336	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 699 HISTO: MA914571
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
* Kidney		Infarct	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-7,11]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 337	TRT#: 6	SEX: Female	DAY ON TEST: 33
	DOSE: 250 PPM	DISP: Accidentally Killed	HISTO: MA914572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Kidney
* Liver	* Mammary Gland	* Ovary	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

Blood Vessel	* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands	* Thymus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Stomach, Glandular
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Lung	Congestion	Moderate
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: MILD TO MARKED AUTOLYSIS IN ALL TISSUES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney			
Note: TGL 4-NCL			
* Liver	Centrilobular	Degeneration	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Degeneration TGLS = 6-7]			
[Hepatocellular Adenoma TGLS = 5-12]			
[Hepatocellular Carcinoma TGLS = 5-7,12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-7]			
* Thymus		Atrophy	Mild
		Ectopic Parathyroid Gland	Mild
* Uterus		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914573

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-8]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 339	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914574
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1-7,11]		
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914575
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 4-7]	
		[Hepatocellular Adenoma TGLS = 4-7]	
		[Hepatocellular Carcinoma TGLS = 4-7]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Marked
		[Cyst TGLS = 1-8]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 3-7]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914575

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 2-8]

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Kidney
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: TGL 6-NCL			
		[Hepatocellular Adenoma TGLS = 4-7; 7-12]	
		[Hepatocellular Carcinoma TGLS = 5-7]	
* Lung		Sarcoma	Metastatic (Skin)
		[Sarcoma TGLS = 8,9-6]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 1-11]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 3-7]	
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 341

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 708
HISTO: MA914576

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 2-8,8.1]

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 556

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Ovary	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: TGL 4-NCL			
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 3-7]	
* Lymph Node, Mandibular		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 5-11]	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Minimal
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6

DOSE: 250 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 700

HISTO: MA914578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
Note: TGL 5-NCL			
		[Hepatoblastoma TGLS = 1-7]	
		[Hepatocellular Adenoma TGLS = 4-12]	
		[Hepatocellular Carcinoma TGLS = 2-7; 3-12]	
		[Mixed Cell Focus TGLS = 2-7; 3-12]	
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 700
HISTO: MA914578

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 2-7]			
[Hepatocellular Adenoma TGLS = 2-7]			
[Hepatocellular Carcinoma TGLS = 2-7]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: MA914580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Heart		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 3-12,13; 4-13]	
		[Hepatocellular Adenoma TGLS = 3-12,13; 4-13]	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-12,13; 4-13]	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Lymphoma Malignant	
		[Hemorrhage TGLS = 5-11]	
		[Lymphoma Malignant TGLS = 5-11]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		[Hemorrhage TGLS = 1-5]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 345	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 692 HISTO: MA914580
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-7]			
[Lymphoma Malignant TGLS = 2-7]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Lung Lymphoma Malignant;Lung Mediastinum Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Spleen Lymphoma Malignant;Thymus Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Atrophy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-7,11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 347	TRT#: 6	SEX: Female	DAY ON TEST: 659
	DOSE: 250 PPM	DISP: Natural Death	HISTO: MA914582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-7,7.1]	
		[Hepatocellular Carcinoma TGLS = 3-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-7,7.1]	
* Thymus		Ectopic Parathyroid Gland	Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 632 HISTO: MA914583
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
[Hepatoblastoma TGLS = 6-12]			
[Hepatocellular Adenoma TGLS = 4-7,7.1; 5-11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-8]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stom Gland			
Note: TGL 3-NCL			
* Thymus		Necrosis	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 632
HISTO: MA914583

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2,3-7; 4-11; 5-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 1-11]	
		[Hepatocellular Carcinoma TGLS = 1-7,7.1,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 2-7]	
		[Eosinophilic Focus TGLS = 2-7]	
		[Hepatocellular Adenoma TGLS = 2-7]	
		[Hepatocellular Carcinoma TGLS = 1-7]	
		[Mixed Cell Focus TGLS = 2-7]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: TGL 3-NCL			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914586

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 583

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hepatoblastoma	
[Hepatoblastoma TGLS = 2-7]			
Lymph Node	Mediastinal	Pigmentation	Mild
[Pigmentation TGLS = 4-3]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-7]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-7]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-7]			
[Hepatocellular Carcinoma TGLS = 2-7]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 1-11]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 509

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Small, Duodenum

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Liver	Midzonal	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 5-2,2A,2B]		
	[Vacuolization Cytoplasmic TGLS = 4-2,2A,2B]		
* Ovary		Cyst	Moderate
	Note: CYST IS BLOOD FILLED.		
	[Cyst TGLS = 2-4A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-11]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Ovary Cyst

Animal Note: ABDOMINAL CAVITY 3CC RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 624

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: MA914590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 4-2,2.1]			
* Bone Marrow		Lymphoma Malignant	
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Lymphoma Malignant	
Note: TGL 20-NCL			
* Liver		Cyst Hepatocellular Adenoma Hepatocellular Carcinoma Lymphoma Malignant	Marked Multiple
[Cyst TGLS = 18-11]			
[Hepatocellular Adenoma TGLS = 13-7,7.1; 14,15-11; 16-7,7.1; 17-11]			
[Hepatocellular Carcinoma TGLS = 12-7,7.1]			
[Lymphoma Malignant TGLS = 13-7,7.1; 14,15-11; 16-7,7.1; 17-11]			
* Lung		Lymphoma Malignant	
Note: AGONAL HEMORRHAGE PRESENT, NO LESION. TGL 23-NCL			
[Lymphoma Malignant TGLS = 18-11]			
Lymph Node	Renal	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 624 HISTO: MA914590
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ORGAN AND ACCOUNTABLE SITE STATUS

Deep Cervical		Lymphoma Malignant	
Iliac		Lymphoma Malignant	
Inguinal		Lymphoma Malignant	
Mediastinal		Lymphoma Malignant	
Pancreatic		Lymphoma Malignant	
Renal		Lymphoma Malignant	
<p>Note: TGL 3 INVOLVES THE AXILLARY LN. [Hemorrhage TGLS = 21-16] [Lymphoma Malignant TGLS = 3-13] [Lymphoma Malignant TGLS = 11-17] [Lymphoma Malignant TGLS = 24-15] [Lymphoma Malignant TGLS = 22-3] [Lymphoma Malignant TGLS = 21-16] [Lymphoma Malignant TGLS = 8-2,2.1]</p>			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2,2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
* Mammary Gland			
Note: TGL 2-NCL			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
* Pancreas	Acinus	Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hemorrhage	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9,10-7,7.1]			
* Stomach, Glandular		Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355	TRT#: 6	SEX: Female	DAY ON TEST: 624
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO: MA914590

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant	
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Adrenal Cortex Lymphoma Malignant; Bone Marrow Lymphoma Malignant; Kidney Lymphoma Malignant; Liver Lymphoma Malignant; Lung Lymphoma Malignant; Lymph Node Iliac Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node Pancreatic Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node Lymphoma Malignant; Lymph Node Deep Cervical Lymphoma Malignant; Lymph Node Inguinal Lymphoma Malignant; Lymph Node; Mandibular Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Mesentery Lymphoma Malignant; Ovary Lymphoma Malignant; Pancreas Acinus Lymphoma Malignant; Salivary Glands Lymphoma Malignant; Spleen Lymphoma Malignant; Thymus Lymphoma Malignant; Urinary Bladder Lymphoma Malignant

Animal Note: THORACIC CAVITY 3ML RED FLUID, TGL 19-NST

Animal Note: ABDOMINAL CAVITY 2ML RED FLUID, TGL 5-NST

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-7]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 648

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------|---------------------|-------------------|-----------------|
| * Bone | * Bone Marrow | * Brain | * Esophagus |
| * Kidney | * Parathyroid Gland | * Pituitary Gland | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Thymus

AUTO PRECLUDES DIAG.

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Gallbladder |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|---------------------------------------|----------------|------------------------|---------------------|
| * Clitoral Gland | | Atrophy | Moderate |
| * Heart | | Sarcoma | Metastatic (Skin) |
| [Sarcoma TGLS = 7-12] | | | |
| * Liver | | Hepatocellular Adenoma | Multiple |
| [Hepatocellular Adenoma TGLS = 6-7] | | Necrosis | Mild |
| * Lung | Alveolar Epith | Hyperplasia | Marked |
| | Mediastinum | Sarcoma | Metastatic (Skin) |
| | | Sarcoma | Metastatic (Skin) |
| * Lymph Node, Mandibular | | Sarcoma | Metastatic (Skin) |
| [Sarcoma TGLS = 2-2] | | | |
| * Pancreas | | | |
| Note: TGL 4-NST | | | |
| * Salivary Glands | | Infiltration Cellular | Lymphocyte, Minimal |
| * Skin | Subcut Tiss | Sarcoma | |
| [Sarcoma TGLS = 1-11] | | | |
| * Spleen | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 648

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914592

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 5-NST

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

Animal Note: ABDOMINAL CAVITY BROWN FLUID, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: MA914593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-12,7]			
[Hepatocellular Carcinoma TGLS = 3-12,7]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 712

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 5-11]	
		[Hepatocellular Adenoma TGLS = 5-11; 7-12]	
		[Hepatocellular Carcinoma TGLS = 4-7; 6-12]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Marked
		[Cyst TGLS = 1-8]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Cyst	Marked
		Hyperplasia	Cystic, Marked
		[Cyst TGLS = 2-8]	
		[Hyperplasia TGLS = 2-8]	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 712

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914594

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 360	TRT#: 6	SEX: Female	DAY ON TEST: 417
	DOSE: 250 PPM	DISP: Natural Death	HISTO: MA914595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Urinary Bladder

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Peritoneum		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-11]			
* Stomach, Glandular		Necrosis	Mild
[Necrosis TGLS = 2-6A]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Peritoneum Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Large, Cecum		Edema	Mild
* Kidney	Glomerulus	Amyloid Deposition	Marked
[Amyloid Deposition TGLS = 3-8]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-7,11]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin			
Note: TGL 1-NST			
* Spleen		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Kidney Glomerulus Amyloid Deposition

Animal Note: THORACIC CAVITY CLEAR FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 362	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914597
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 1-7,11]	
		[Hepatoblastoma TGLS = 1-11]	
		[Hepatocellular Adenoma TGLS = 1-7,11]	
		[Hepatocellular Carcinoma TGLS = 1-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 363	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914598
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 1-12; 2-13]	
		[Hepatocellular Adenoma TGLS = 1-7,12,13]	
		[Hepatocellular Carcinoma TGLS = 1-12]	
* Lym Node Mand			
		Note: AGONAL HEMORRHAGE PRESENT, NO LESION. TGL 4-NCL	
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
		[Hyperplasia TGLS = 3-11]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 678

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Atrophy	Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 4-11]	
		[Hepatocellular Adenoma TGLS = 1,3-7]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 678

DOSE: 250 PPM

DISP: Natural Death

HISTO: MA914599

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 365	TRT#: 6	SEX: Female	DAY ON TEST: 564
	DOSE: 250 PPM	DISP: Natural Death	HISTO: MA914600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Urinary Bladder	

OBSERVATIONS

* Brain	Mineralization	Mild
* Clitoral Gland	Atrophy	Moderate
* Liver	Hepatoblastoma	Multiple
	Hepatocellular Carcinoma	
[Hepatoblastoma TGLS = 2-7; 3-11]		
[Hepatocellular Carcinoma TGLS = 1-7]		
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular	Necrosis	Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 366	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914501
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLS = 1-7,7.1]	
		[Hepatocellular Adenoma TGLS = 1-7,7.1]	
		[Hepatocellular Carcinoma TGLS = 1-7,7.1]	
* Lung		Hepatoblastoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	
	[Hepatoblastoma TGLS = 1-7]		
	[Hepatocellular Carcinoma TGLS = 2-7]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914502

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 368	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914503
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 2-11]			
[Hepatocellular Carcinoma TGLS = 2-7,11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8,8.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 368

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914503

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Pituitary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 4,5-7,7.1]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[Angiectasis TGLS = 2-5.1]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-8,8.1]		

PRIMARY CAUSE OF DEATH

-

Animal Note: ABDOMINAL CAVITIES 3CC RED FLUID, TGL 3-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 370

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914505

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 371	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 366 HISTO: MA914506
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Necrosis	Mild
	[Necrosis TGLS = 4-2A]		
* Skin		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 2-12]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-4,4.1]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Colon	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Adrenal Medulla	* Intestine Small, Jejunum	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 4-7]			
[Necrosis TGLS = 3-7]			
* Lung			
Note: CONGESTION PROBABLY A POST MORTEM DRAINAGE. TGL 5-NCL			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: THORACIC CAVITY 1CC RED FLUID, TGL 2-NST

Animal Note: ABDOMINAL CAVITY 2CC RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4]			
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3,8-8,8.1]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 4-7]			
[Hepatocellular Carcinoma TGLS = 5-7; 6-12]			
[Lymphoma Malignant TGLS = 5-7; 6-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 373	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: MA914508

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-7]		
* Uterus	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 374	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 700 HISTO: MA914509
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Heart	Atrium	Thrombosis	Marked
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-7,7.1]		
	[Hepatocellular Carcinoma TGLS = 1-7,7.1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Necrosis	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:10
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 375	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: MA914510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-7]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 376

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914511

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 526

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-11; 3-7]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lym Node Mand			
Note: TGL 1-NST			
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 5-12]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITIES 2 YELLOW LOBULATED MASSES, (14X5X5MM, 11X8X6MM) TGL 4-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-11]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-7,13]			
[Hepatocellular Carcinoma TGLS = 3-7,13]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
		Hemangioma	
[Cyst TGLS = 2-8,8.1]			
[Hemangioma TGLS = 2-8,8.1]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Large, Cecum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 1-12]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-7]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-7,11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic, Minimal
* Gallbladder		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
Note: ONE NEOPLASM IS INFARCTED.			
			[Hepatocellular Adenoma TGLS = 3-7,11; 4-11]
			[Hepatocellular Carcinoma TGLS = 3-7,11]
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
			[Angiectasis TGLS = 2-5]
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Marked
			[Cyst TGLS = 1-8]
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 380	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914515
ORGAN AND ACCOUNTABLE SITE STATUS			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 381	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: MA914516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
		Inflammation	Chronic, Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 1-7,11]	
		[Hepatocellular Adenoma TGLS = 1-11]	
		[Hepatocellular Carcinoma TGLS = 1-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 3-7,11]			
[Hepatocellular Carcinoma TGLS = 3-7,11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 384	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 615 HISTO: MA914519
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Kidney		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 6-8]			
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Mesothelioma Malignant	
[Eosinophilic Focus TGLS = 10-7]			
[Hemangioma TGLS = 10-7]			
[Hepatoblastoma TGLS = 7-7]			
[Hepatocellular Adenoma TGLS = 9-13; 11-7,13]			
[Hepatocellular Carcinoma TGLS = 8,12-13]			
[Mesothelioma Malignant TGLS = 8,12-13]			
* Lung		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 15-6]			
Lymph Node	Pancreatic	Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 16-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 615

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914519

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Mesothelioma Malignant TGLS = 4-5]		Mesothelioma Malignant	
Mesentery [Mesothelioma Malignant TGLS = 3-11,2; 16-14]		Mesothelioma Malignant	
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Minimal
* Ovary [Mesothelioma Malignant TGLS = 3-11,2; 16-14]		Mesothelioma Malignant	
* Pancreas [Mesothelioma Malignant TGLS = 5-14]		Mesothelioma Malignant	
Skeletal Muscle [Mesothelioma Malignant TGLS = 13-12,12.1]		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus [Mesothelioma Malignant TGLS = 14-3]		Mesothelioma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Kidney Mesothelioma Malignant; Liver Mesothelioma Malignant; Lung Mesothelioma Malignant; Lymph Node Pancreatic Mesothelioma Malignant; Lymph Node; Mesenteric Mesothelioma Malignant; Mesentery Mesothelioma Malignant; Ovary Mesothelioma Malignant; Pancreas Mesothelioma Malignant; Skeletal Muscle Mesothelioma Malignant; Thymus Mesothelioma Malignant

Animal Note: ABDOMINAL CAVITY 2ML RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 385	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914520
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 3-7,12]	
		[Hepatoblastoma TGLS = 3-12]	
		[Hepatocellular Adenoma TGLS = 3-7,12]	
		[Hepatocellular Carcinoma TGLS = 3-7,12]	
* Lymph Node, Mesenteric		Hemangioma	
		Hematopoietic Cell Proliferation	Minimal
Mesentery	Fat	Necrosis	Marked
		[Necrosis TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Marked
		[Cyst TGLS = 1-2]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 385	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914520
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Cyst	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 690

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Pancreas	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-7,11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 3-11]	
		[Hepatocellular Carcinoma TGLS = 3-7,7.1,11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
		[Hematopoietic Cell Proliferation TGLS = 2-7,7.1]	
		[Hyperplasia TGLS = 2-7,7.1]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
		[Hyperplasia TGLS = 1-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 595

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 5-7]
			[Hepatocellular Carcinoma TGLS = 3-11; 4-7]
* Lung		Alveolar/Bronchiolar Carcinoma	
			[Alveolar/Bronchiolar Carcinoma TGLS = 6-6]
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
			[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:11
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Pigmentation	Mild
[Pigmentation TGLS = 1-8,8.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: THE FOCUS IS PART OF THE CARCINOMA.			
[Eosinophilic Focus TGLS = 1-8,8.1]			
[Hepatocellular Carcinoma TGLS = 2,3-11]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-7,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Note: TGL 3-NCL	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
		[Hyperplasia TGLS = 1-8,8.1,8.2]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 299

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-12,12A,12B]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		[Eosinophilic Focus TGLS = 6-12]	
		[Hepatocellular Adenoma TGLS = 6-7,12]	
		[Hepatocellular Carcinoma TGLS = 6-12]	
Lymph Node	Iliac	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-7]	
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 3-8]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914527

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CARCASS THIN, TGL 1-NST

Animal Note: ABDOMINAL CAVITY WHITE FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 690

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Gallbladder

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thymus	* Urinary Bladder
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INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Clitoral Gland		Atrophy	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 3-7,11]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Sarcoma	
	Note: NEOPLASTIC CELLS ARE PLEOMORPHIC.		
	[Sarcoma TGLS = 1-12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 510

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 10-5]			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-5]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-5]			
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus Hepatoblastoma Hepatocellular Adenoma Lymphoma Malignant	
[Eosinophilic Focus TGLS = 6-2B]			
[Hepatoblastoma TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 7-2C]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2A]			
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 394	TRT#: 8	SEX: Female	DAY ON TEST: 510
	DOSE: 500 PPM	DISP: Natural Death	HISTO: MA914529

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 8-12]		
[Lymphoma Malignant TGLS = 1-3,3A]		
[Lymphoma Malignant TGLS = 9-13]		
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-5]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5A]		
* Mammary GI		
Note: GROSS ENLARGEMENT WAS INGUINAL LYMPH NODE.		
* Ovary	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3,3A]		
* Salivary Glands	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3,3A]		
* Skin	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3,3A]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11,11.1]		
* Thymus	Atrophy	Mild
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: THORACIC CAVITY PINK FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 15

DOSE: 500 PPM

DISP: Accidentally Killed

HISTO: MA914530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
* Thymus		Necrosis	Mild
* Thyroid Gl			

Note: ECTOPIC THYMUS PRESENT.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3-7,12]			
[Hepatocellular Carcinoma TGLS = 3-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 13:43:11
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
		Pigmentation	Mild
		[Pigmentation TGLS = 1-8,8.1]	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 6-7,16]	
		[Hepatoblastoma TGLS = 6-7]	
		[Hepatocellular Adenoma TGLS = 6-16]	
		[Hepatocellular Carcinoma TGLS = 6-7,16]	
* Lung		Hepatoblastoma	Metastatic (Liver)
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-14]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 397	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914532
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-15]			
[Lymphoma Malignant TGLS = 7-11]			
[Lymphoma Malignant TGLS = 8-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-13]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland		Hemorrhage	Mild
[Hemorrhage TGLS = 10-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7,17]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7,17]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland	* Pituitary Gland	* Thymus	
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Large, Rectum	Artery	Necrosis	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-8]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-7]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-7]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric	Artery	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-5]		Necrosis	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: ABDOMINAL CAVITY WHITE/VISCOUS FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 479

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: MA914534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 4-2,2B]			
[Hepatocellular Carcinoma TGLS = 2-2A]			
[Necrosis TGLS = 4-2]			
* Nose		Sarcoma	
Note: SARCOMA IS INVASIVE FROM SKIN.			
[Sarcoma TGLS = 3-9]			
* Skin	Subcut Tiss	Sarcoma	
Note: POSSIBLE MALIGNANT SCHWANNOMA.			
[Sarcoma TGLS = 3-12,12A]			
* Thymus		Atrophy	Marked
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

Animal Note: CARCASS THIN, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 1-7,7.1; 2-7,7.1,11]	
		[Hepatocellular Carcinoma TGLS = 2-11]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 401

TRT#: 8

DOSE: 500 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: MA914536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Liver		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
	[Hepatoblastoma TGLS = 3-11]		
	[Hepatocellular Carcinoma TGLS = 3-7,11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-7]		
* Uterus		Hyperplasia	Cystic, Mild
		Pigmentation	Mild
	[Pigmentation TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 402 TRT#: 8 SEX: Female DAY ON TEST: 677
DOSE: 500 PPM DISP: Natural Death HISTO: MA914537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Esophagus	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Clitoral Gland		Atrophy	Marked
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-11]		
	[Hepatocellular Carcinoma TGLS = 2,3-7; 4-11]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-6]		
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 1-5,12]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 403	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: MA914538
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Moderate
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 1-5]			
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 2-7,11]			
[Hepatocellular Carcinoma TGLS = 2-7,11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914538

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 404

TRT#: 8

SEX: Female

DAY ON TEST: 680

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Trachea | | | |

AUTO PRECLUDES DIAG.

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Gallbladder | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|--------------------------|----------------|----------------------------------|--|
| * Clitoral Gland | | Atrophy | Marked |
| * Int Lg Rectum | | | |
| Note: TGL 2-NST | | | |
| * Kidney | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Hepatoblastoma | |
| | | Hepatocellular Carcinoma | Multiple |
| | | | [Hepatoblastoma TGLS = 8-7] |
| | | | [Hepatocellular Carcinoma TGLS = 7-7, 9,10-12] |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Lymph Node, Mesenteric | | Hepatoblastoma | Metastatic (Liver) |
| | | | [Hepatoblastoma TGLS = 6-11] |
| Mesentery | | Hepatoblastoma | Metastatic (Liver) |
| | | | [Hepatoblastoma TGLS = 3-13] |
| * Nose | Olfactory Epi | Degeneration | Hyaline, Mild |
| | Respirat Epith | Degeneration | Hyaline, Mild |
| * Salivary Glands | | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | | Note: TGL 5-NCL |
| | | | [Hematopoietic Cell Proliferation TGLS = 4-7] |
| * Thymus | | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 404	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 680 HISTO: MA914539
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

Animal Note: ABDOMINAL CAVITY 2ML RED FLUID, TGL 1-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 405

TRT#: 8

SEX: Female

DAY ON TEST: 14

DOSE: 500 PPM

DISP: Natural Death

HISTO: MA914540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mesenteric	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Lung	Congestion	Mild
* Thymus	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 406

TRT#: 8

SEX: Female

DAY ON TEST: 188

DOSE: 500 PPM

DISP: Accidentally Killed

HISTO: MA914541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|----------------------------|--------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * 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 Small, Ileum

OBSERVATIONS

- | | | | |
|---------------------------|---------------|------------|----------|
| * Clitoral Gland | | Atrophy | Moderate |
| * Liver | Centrilobular | Congestion | Minimal |
| [Congestion TGLS = 1-2] | | | |
| * Lung | | Congestion | Mild |
| | | Hemorrhage | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
* Kidney		Infiltration Cellular	Plasma Cell, Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 2-7,7.1,11; 3,4-11]
			[Hepatocellular Carcinoma TGLS = 1-7,7.1,11]
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 408

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914543

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2,3-7]

* Thyroid Gland
* Urinary Bladder
* Uterus

Follicular Cel

Hyperplasia
Infiltration Cellular
Cyst
Hyperplasia

Minimal
Lymphocyte, Mild
Marked
Cystic, Mild

[Cyst TGLS = 1-8,8.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 409 TRT#: 8 SEX: Female DAY ON TEST: 703
DOSE: 500 PPM DISP: Natural Death HISTO: MA914544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Skin
* Trachea	* Uterus		

MISSING

* Parathyroid Gland	* Pituitary Gland	* Thymus	
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-7,12]		
	[Hepatocellular Carcinoma TGLS = 1-7,12]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-6]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-6]		
Mesentery	Fat	Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 409

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 703
HISTO: MA914544

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: THORACIC CAVITY .5ML RED FLUID, TGL 2-NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 410

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatoblastoma TGLS = 3-12]			
[Hepatocellular Adenoma TGLS = 3-7,12]			
[Hepatocellular Carcinoma TGLS = 3-7]			
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 410

TRT#: 8
DOSE: 500 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: MA914545

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant	
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/22/2014

Time Report Requested: 13:43:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 411

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-7,13]			
[Hepatocellular Carcinoma TGLS = 4-13]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: MA914547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Cyst Epithelial Inclusion	Mild
* Clitoral Gland		Atrophy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Marked
			[Hepatocellular Adenoma TGLS = 3-7,11]
			[Hepatocellular Carcinoma TGLS = 3-7,11]
			[Necrosis TGLS = 2-11]
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
			[Hepatocellular Carcinoma TGLS = 4-6]
* Lymph Node, Mandibular		Hemorrhage	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Mild
			[Hyperplasia TGLS = 1-8,8.1]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 413	TRT#: 8	SEX: Female	DAY ON TEST: 12
	DOSE: 500 PPM	DISP: Accidentally Killed	HISTO: MA914548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Blood Vessel	* Lymph Node, Mesenteric	* Spleen	
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Lung	Congestion	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55301-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 13:43:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 414	TRT#: 8	SEX: Female	DAY ON TEST: 430
	DOSE: 500 PPM	DISP: Accidentally Killed	HISTO: MA914549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Clitoral Gland		Atrophy	Marked
* Kidney	Renal Tubule	Dilatation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Diffuse, Minimal
	[Hepatocellular Adenoma TGLS = 1-2,2A]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Necrosis	Minimal
	[Necrosis TGLS = 2-6,6A]		
* Thymus		Atrophy	Mild
		Necrosis	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

