

**Experiment Number:** 55301-02

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Pyridine

**CAS Number:** 110-86-1

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:40:42

**First Dose M/F:** NA / NA

**Lab:** TSI MASON

**C Number:**

C55301B

**Lock Date:**

Not Entered.

**Cage Range:**

All

**Date Range:**

All

**Reasons For Removal:**

All

**Removal Date Range:**

All

**Treatment Groups:**

All

**Study Gender:**

Both

**PWG Approval Date**

NONE

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CAS Number: 110-86-1

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First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
0 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic			1								1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Acinus, Atrophy			1								1 1.0
Salivary Glands	+	+	+	+		+	+	+	+	+	9
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1	1	1	2	1		1	1	1	1	9 1.1

Endocrine System

Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10

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X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
0 PPM

	DAY ON TEST										
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>
Islets, Pancreatic	+	+	+	+		+	+	+	+	+	9
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Seminif Tub, Mineralization								1			1 1.0
<b>Hematopoietic System</b>											
Blood					+						1
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											

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Lab: TSI MASON

F 344/N Rat Male  
0 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Integumentary System**

Mammary Gland	+	+	+	+	+	M	+	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10

**Musculoskeletal System**

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

**Nervous System**

Brain	+	+	+	+			+	+	+	+	+	9
-------	---	---	---	---	--	--	---	---	---	---	---	---

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

**Special Senses System**

Eye						+						1
-----	--	--	--	--	--	---	--	--	--	--	--	---

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10			
Mineralization							1	1				2	1.0	
Renal Tubule, Degeneration, Hyaline			1										1	1.0
Renal Tubule, Regeneration	1	1	1	1	1	1	1	1	1	1		10	1.0	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10			

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First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
50 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Clear Cell Focus								X			1
Inflammation, Chronic				1							1 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

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F 344/N Rat Male  
50 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization			1					1			2 1.0
Renal Tubule, Regeneration	1	1	1	1	1	1	1	1	1	1	10 1.0
Urinary Bladder	+		+			+					3
Calculus Gross Observation	X		X			X					3
Calculus Micro Observation Only	X		X			X					3

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CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:43

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
100 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	3	3
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic				1								1	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate						+	+				2		
Dilatation						2	1					2	1.5

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

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Lab: TSI MASON

F 344/N Rat Male  
100 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	3	3
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Casts	1		1		1						3	1.0
Mineralization	1		1								2	1.0
Renal Tubule, Degeneration, Hyaline				1							1	1.0
Renal Tubule, Regeneration	1	1	1	1	1	1	1	1	1	1	10	1.0
Urinary Bladder				+			+				2	
Calculus Gross Observation				X							1	
Calculus Micro Observation Only				X							1	

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CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:43

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
250 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic											1	1	1.0
Mesentery				+							1		
Fat, Necrosis				3							1	3	3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

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F 344/N Rat Male  
250 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

NONE  
Nervous System

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Casts					1				1	1	3 1.0
Inflammation, Chronic	1			1							2 1.0
Mineralization	1		1	1	1		1			1	6 1.0
Renal Tubule, Degeneration, Hyaline	1										1 1.0
Renal Tubule, Regeneration	1	1	1	1	1	1	1	2	1	1	10 1.1
Urinary Bladder		+		+							2
Calculus Gross Observation			X		X						2
Calculus Micro Observation Only			X		X						2

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First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
500 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Degeneration	1	1	1	1	1		1	1	1	1	9 1.0
Hypertrophy	1	1	1	1	1		1	1	1	1	9 1.0
Inflammation, Chronic	1		1	1	1		1	1		1	7 1.0
Pigmentation	1			1	1			1	1	1	6 1.0
Stomach, Forestomach								+			1
Stomach, Glandular								+			1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate								+			1
Dilatation								2			1 2.0

Hematopoietic System

NONE

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Lab: TSI MASON

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500 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Casts	1	1	1	1	1	1	1		1	1	9 1.0
Casts Granular			1		1	1					3 1.0
Inflammation, Chronic			1		1	1		1			4 1.0
Mineralization	1	1	1	1	1	1	1		1		9 1.0
Renal Tubule, Degeneration, Hyaline	1				1				1		3 1.0
Renal Tubule, Regeneration	1	2	1	2	2	2	1	1	2	2	10 1.6
Urinary Bladder									+		1

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500 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Calculus Gross Observation	X	1
Calculus Micro Observation Only	X	1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Pyridine

Time Report Requested: 06:40:43

Species/Strain: Rat/F 344/N

CAS Number: 110-86-1

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Degeneration		3	1	2	2	2	1	2	2	1	9 1.8
Centrilobular, Necrosis	2				1						2 1.5
Clear Cell Focus			X					X			2
Hepatodiaphragmatic Nodule			X								1
Hypertrophy	1	1	1	1	1		1	1	1	1	9 1.0
Inflammation, Chronic	2	1	2	2	2	2	2	2		2	9 1.9
Pigmentation	1	1	2	1	1	1	1	1	1	1	10 1.1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Acinus, Atrophy	1						1				2 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:43

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1			1		2	1			1	5 1.2
Mineralization	1						1				2 1.0
<b>Endocrine System</b>											
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	M	M	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node	+		+								2

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:43

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
1000 PPM

	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	9	9	9	9	9	9	9	9	9	9			
	2	2	2	2	2	2	2	2	2	2			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	5	5	5	5	5	5	5	5	5	6			
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>		
Lymph Node			+								2		
Pancreatic, Angiectasis											2	1.5	
Pancreatic, Infiltration Cellular, Histiocyte											1	2.0	
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	10		
Angiectasis											1	1.0	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	10		
Spleen		+	+	+	+	+	+	+	+	+	10		
Cyst								X			1		
Thymus		+	+	+	+	+	+	+	+	+	10		
<b>Integumentary System</b>													
Mammary Gland		+	+	+	+	+	+	+	+	+	10		
Skin		+	+	+	+	+	+	+	+	+	10		
<b>Musculoskeletal System</b>													
Bone		+	+	+	+	+	+	+	+	+	10		
<b>Nervous System</b>													
Brain		+	+	+	+	+	+	+	+	+	10		
<b>Respiratory System</b>													
Lung		+	+	+	+	+	+	+	+	+	10		
Hemorrhage											1	1.0	
Nose		+	+	+	+	+	+	+	+	+	10		
Trachea		+	+	+	+	+	+	+	+	+	10		

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Male  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Casts	1	1		1	1	1	1	1	1	1	9	1.0
Casts Granular	1		1	1	1	1		1	1	1	8	1.0
Inflammation, Chronic	1	1	1		1	1	1	1	1	1	9	1.0
Mineralization	1	1	1	1	1	1	1	1	1	1	10	1.0
Renal Tubule, Degeneration, Hyaline			1	1	1	1	1	1	1		7	1.0
Renal Tubule, Regeneration	2	1	1	1	2	2	1	2	1	1	10	1.4
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	
Calculus Gross Observation				X							1	
Calculus Micro Observation Only				X							1	

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
0 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	7	7	7	7	7	7
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Cyst						X					1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule					X		X			X	3
Mesentery									+		1
Fat, Necrosis									2		1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy		1	1		1	1	1				5 1.0

Endocrine System

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
0 PPM

	DAY ON TEST										
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	6	6	6	6	7	7	7	7	7	7	
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	M	+	M	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Pars Distalis, Cyst									X		1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Dilatation					2		2				2 2.0
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
0 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	7	7	7	7	7	7
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

**Integumentary System**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

**Musculoskeletal System**

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

**Nervous System**

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

**Special Senses System**

NONE											
------	--	--	--	--	--	--	--	--	--	--	--

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10
Cyst						X					1
Mineralization	1	2	1	2	2	2	1	1	2	2	10 1.6
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
50 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	8	8	8	8	8	8
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
50 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	8	8	8	8	8	8
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
100 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	9	9	9	9	9	9
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary + 1  
Cyst X 1

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
250 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	1	1	1	1	1
	9	9	9	9	0	0	0	0	0	0
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatodiaphragmatic Nodule									X		1
Pigmentation			1		1	1	1	1	1	1	7 1.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Uterus	+								+		2
Dilatation	2								2		2 2.0

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

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X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
250 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	1	1	1	1	1
	9	9	9	9	0	0	0	0	0	0
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

NONE  
Nervous System

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

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Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
500 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	1	1	1	1	1	1
	6	7	8	9	0	1	2	3	4	5
	*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Degeneration	1	1	1	1	1	1	1	1		1	9 1.0
Hepatodiaphragmatic Nodule	X									X	2
Hypertrophy	1	1	1		1	1	1	1	1	1	9 1.0
Inflammation, Chronic					1						1 1.0
Pigmentation		1	1	1	1		1		1	1	7 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

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F 344/N Rat Female  
500 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	1	1	1	1	1	1
	6	7	8	9	0	1	2	3	4	5

\*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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F 344/N Rat Female  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	0	9	9	0	9	9	9	9	9
	2	6	2	2	6	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	2	2	2	2	2	2
	6	7	8	9	0	1	2	3	4	5

\*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	A	+	+	A	+	+	+	+	+	8
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Ileum	+	A	+	+	A	+	+	+	+	+	8
Intestine Small, Jejunum	+	A	+	+	A	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Degeneration	2	2	2	2		2	3	1	1	1	9 1.8
Centrilobular, Necrosis		4			3						2 3.5
Hypertrophy	1	1	1	1		1	1		1	1	8 1.0
Inflammation, Chronic	1		2			2	2				4 1.8
Pigmentation	1		1	1		2	1	1	1	1	8 1.1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	M	+	+	+	+	+	9
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	A	+	+	+	+	+	9

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1	1	1			1	1		1		6 1.0

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2) Mild 4) Marked

Experiment Number: 55301-02

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Pyridine

CAS Number: 110-86-1

Date Report Requested: 10/20/2014

Time Report Requested: 06:40:44

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat Female  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	0	9	9	0	9	9	9	9	9
	2	6	2	2	6	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	2	2	2	2	2	2
	6	7	8	9	0	1	2	3	4	5

\*TOTALS

Endocrine System

Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Necrosis			1								1 1.0
Lymph Node			+								1
Lumbar, Hyperplasia			2								1 2.0
Mediastinal, Congestion			2								1 2.0
Renal, Infiltration Cellular, Histiocyte			2								1 2.0
Lymph Node, Mandibular	+	+	+	+	M	+	+	+	+	+	9

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F 344/N Rat Female  
1000 PPM

	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	9	0	9	9	0	9	9	9	9	9			
	2	6	2	2	6	2	2	2	2	2			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	2	2	2	2	2	2			
	6	7	8	9	0	1	2	3	4	5	<b>*TOTALS</b>		
Lymph Node, Mandibular	+	+	+	+	M	+	+	+	+	+	9		
Infiltration Cellular, Histiocyte			2								1	2.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia			2		1						2	1.5	
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Thymus	+	+	+	+	+	+	+	+	+	+	10		
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
<b>Musculoskeletal System</b>													
Bone	+	+	+	+	+	+	+	+	+	+	10		
<b>Nervous System</b>													
Brain	+	+	+	+	+	+	+	+	+	+	10		
Hemorrhage			2								1	2.0	
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	10		
Edema			1		2						2	1.5	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Trachea	+	+	+	+	+	+	+	+	+	+	10		
<b>Special Senses System</b>													

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F 344/N Rat Female  
1000 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	0	9	9	0	9	9	9	9	9	
	2	6	2	2	6	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	2	2	2	2	2	2	
	6	7	8	9	0	1	2	3	4	5	*TOTALS

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Casts				1				1			2 1.0
Mineralization	1	2	2	1	1	1	1	2	1		10 1.3
Urinary Bladder	+	+	+	+	A	+	+	+	+	+	9

\*\* END OF REPORT \*\*

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