

**Experiment Number:** 20009-02  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:45:12  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C20009  
**Lock Date:** 07/30/2004  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date** NONE

Experiment Number: 20009-02

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Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:12

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>0 MG/L</b>	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	<b>*TOTALS</b>
	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		

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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		3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Blood Vessel	+	+	+	M	+	+	+	+	+	+	9
Heart	+	+	+	+	+	+	+	+	+	+	10

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/L	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
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	1	
	1	2	3	4	5	6	7	8	9	0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	M	M	+	M	+	M	+	6
Pituitary Gland	+	+	M	M	+	+	+	+	+	M	7
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, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10

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Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:12

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 0 MG/L	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	2	3	4	5	6	7	8	9	0	
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>Musculoskeletal System</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>Nervous System</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>Respiratory System</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Inflammation									1		1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Mineralization	1							1			2 1.0
Nephropathy					1						1 1.0
Renal Tubule, Casts Protein							1				1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:12

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>78 MG/L</b>	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	2	2
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**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

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Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

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Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:12

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>78 MG/L</b>	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	*TOTALS
	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		

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
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Nephropathy	1					1					2 1.0
-------------	---	--	--	--	--	---	--	--	--	--	-------

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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Experiment Number: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:12

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>156 MG/L</b>	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	0
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**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

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+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

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Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>156 MG/L</b>	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									

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Nephropathy										1	1	1.0
-------------	--	--	--	--	--	--	--	--	--	---	---	-----

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Experiment Number: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
312 MG/L

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

NONE

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

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Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male  
312 MG/L

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									

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + + 10

Infiltration Cellular, Mononuclear Cl 1 1 1.0

Nephropathy 1 1 1.0

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Experiment Number: 20009-02

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Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>625 MG/L</b>	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	5	5
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**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

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CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 625 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
		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	

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
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Nephropathy		1		1							2 1.0
-------------	--	---	--	---	--	--	--	--	--	--	-------

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Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>1250 MG/L</b>	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	*TOTALS
	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		

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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		3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Infiltration Cellular, Mononuclear CI			1			1					2 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: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 1250 MG/L	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	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	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	9
Cyst						X					1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus								X			1
<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, Mandibular	+	+	M	+	+	+	+	+	+	+	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male 1250 MG/L	DAY ON TEST										*TOTALS
	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	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>Musculoskeletal System</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>Nervous System</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>Respiratory System</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear CI			1		1						2 1.0
Mineralization					1						1 1.0

\* ..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: 20009-02  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: Mouse/B6C3F1

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

Test Compound: beta-Picoline  
 CAS Number: 108-99-6

Date Report Requested: 10/19/2014  
 Time Report Requested: 15:45:13  
 First Dose M/F: NA / NA  
 Lab: BAT

**B6C3F1 Mouse Male**  
**1250 MG/L**

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>									
Nephropathy	1		1							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+

\*TOTALS

2 1.0

10

\*\*\*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: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>B6C3F1 Mouse Female</b>		0	0	0	0	0	0	0	0	0	0
	<b>0 MG/L</b>	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	6	6	6	6	7	7
		1	2	3	4	5	6	7	8	9	0
<b>*TOTALS</b>											

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	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	1	1	1	1	1	1	1	10 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mononuclear CI			1								1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
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\* ..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: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/L	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	+	M	+	I	+	+	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	+	+	+	+	+	+	M	+	+	+	9
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>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

		DAY ON TEST										
		0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 Mouse Female</b>		0	0	0	0	0	0	0	0	0	0	
	<b>0 MG/L</b>	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	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	0	
											<b>*TOTALS</b>	

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

Eye + + + + + + + + + + 10

Harderian Gland + + + + + + + + + + 10

**Urinary System**

Kidney + + + + + + + + + + 10

Infiltration Cellular, Mononuclear Cl 1 1 2 1.0

Nephropathy 1 1 2 1.0

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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>78 MG/L</b>	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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	8		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

NONE

**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

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2) Mild 4) Marked

Experiment Number: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>78 MG/L</b>	DAY ON TEST	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
		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
		7	7	7	7	7	7	7	7	8
		1	2	3	4	5	6	7	8	9
		*TOTALS								

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>156 MG/L</b>	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	8	8	8	8	8	9
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 156 MG/L	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
		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	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	0	

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Nephropathy	1										1 1.0
-------------	---	--	--	--	--	--	--	--	--	--	-------

\* ..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: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:13

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>312 MG/L</b>	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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	1		
	9	9	9	9	9	9	9	9	9	0		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

NONE

**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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>312 MG/L</b>	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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	1		
	9	9	9	9	9	9	9	9	9	0		
	1	2	3	4	5	6	7	8	9	0		

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Nephropathy		1								1	2 1.0
-------------	--	---	--	--	--	--	--	--	--	---	-------

\* ..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: 20009-02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:13

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 625 MG/L	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	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

NONE

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

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:14

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Female</b> <b>625 MG/L</b>	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	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + + + + + + + 10

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

+ ..Tissue examined microscopically

X ..Lesion present

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Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:14

First Dose M/F: NA / NA

Lab: BAT

| DAY ON TEST                |                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|------------------|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b> |                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                            | <b>1250 MG/L</b> | 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 |
|                            |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|                            |                  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| <b>*TOTALS</b>             |                  |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |       |
|---------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10    |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 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 | 1 |   |   | 1 |   |   | 5 1.0 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10    |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10    |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10    |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10    |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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Experiment Number: 20009-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: beta-Picoline

Time Report Requested: 15:45:14

Route: DOSED WATER

CAS Number: 108-99-6

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>1250 MG/L | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                | +           | M | + | + | + | M | + | + | + | + | 8       |
| Pituitary Gland                  | +           | M | + | + | + | + | + | + | + | + | 9       |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Endometrium, Hyperplasia, Cystic |             |   |   |   | 1 |   |   |   |   |   | 1 1.0   |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | M | + | + | + | M | + | + | 8       |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |

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Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 10/19/2014

Time Report Requested: 15:45:14

First Dose M/F: NA / NA

Lab: BAT

|                            |                  | DAY ON TEST |   |   |   |   |   |   |   |   |   |                |  |
|----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|----------------|--|
| <b>B6C3F1 Mouse Female</b> | <b>1250 MG/L</b> | 0           | 0 | 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 | 9              |  |
|                            |                  | 2           | 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 |                |  |
|                            |                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |                |  |
|                            |                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | <b>*TOTALS</b> |  |

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

Eye + + + + + + + + + + 10

Harderian Gland + + + + + + + + + + 10

**Urinary System**

Kidney + + + + + + + + + + 10

Infiltration Cellular, Mononuclear Cl 1 1 1.0

Mineralization 1 1 1.0

Nephropathy 1 1 2 1.0

Urinary Bladder + + + + + + + + + + 10

**\*\* END OF REPORT \*\***

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