

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016  
**Time Report Requested:** 11:39:18  
**First Dose M/F:** 11/21/03 / 11/20/03  
**Lab:** BAT

**NTP Study Number:** C20009  
**Lock Date:** 07/30/2004  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 20009 - 02

Test Type: 90-DAY

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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          | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |                |                  |
|----------|----------------|------------------|
| * Kidney | Mineralization | Minimal          |
| * Liver  | Inflammation   | Chronic, Minimal |

Experiment Number: 20009 - 02

Test Type: 90-DAY

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Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

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First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

---

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406770

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |
- 

**MISSING**

- \* Mammary Gland
-

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406771

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**MISSING**

- |                 |                   |
|-----------------|-------------------|
| * Mammary Gland | * Pituitary Gland |
|-----------------|-------------------|

**OBSERVATIONS**

- \* Adren Cortex  
Note: One adrenal cortex was missing
- \* Adren Medulla  
Note: One adrenal medulla was missing

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406772

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * 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  | * Nose                      | * Pancreas               |
| * 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 | * Parathyroid Gland | * Pituitary Gland |
|----------------|-----------------|---------------------|-------------------|

**OBSERVATIONS**

- |                                      |              |  |                  |
|--------------------------------------|--------------|--|------------------|
| * Eye                                |              |  |                  |
| Note: Both optic nerves were missing |              |  |                  |
| * Liver                              | Inflammation |  | Chronic, Minimal |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * 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 |
|-----------------|---------------------|

OBSERVATIONS

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406774

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**MISSING**

- \* Mammary Gland

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406775

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * 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 |
|-----------------|---------------------|

**OBSERVATIONS**

- |                                      |              |               |         |
|--------------------------------------|--------------|---------------|---------|
| * Eye                                |              |               |         |
| Note: Both optic nerves were missing |              |               |         |
| * Kidney                             | Renal Tubule | Casts Protein | Minimal |



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 8

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406776

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- \* Kidney Mineralization Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406777

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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  | * 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 |
|-----------------|---------------------|

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

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First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406778

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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               | * Parathyroid Gland        | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

**MISSING**

- |                 |                   |
|-----------------|-------------------|
| * Mammary Gland | * Pituitary Gland |
|-----------------|-------------------|

**OBSERVATIONS**

- |        |              |         |
|--------|--------------|---------|
| * Lung | Inflammation | Minimal |
|--------|--------------|---------|

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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**Date Report Requested:** 08/30/2016

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**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

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**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406779

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**OBSERVATIONS**

Kidney

Nephropathy

Minimal

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**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

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**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406780

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney

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**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406781

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

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**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406782

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

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**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406783

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

---

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406784

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406785

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406786

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406787

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406788

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406789

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406790

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406791

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406792

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406793

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406794

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406795

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406796

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406797

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406798

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406799

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406800

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406801

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406802

---

**OBSERVATIONS**

Kidney

Infiltration Cellular

Mononuclear CI, Minimal

---

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016  
**Time Report Requested:** 11:39:18  
**First Dose M/F:** 11/21/03 / 11/20/03  
**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406803

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016  
**Time Report Requested:** 11:39:18  
**First Dose M/F:** 11/21/03 / 11/20/03  
**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406804

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406805

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406806

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406807

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406808

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406809

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406810

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406811

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406812

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406813

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406814

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406815

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406816

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406817

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 50

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406818

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |             |             |         |
|-------------|-------------|---------|
| * Kidney    | Nephropathy | Minimal |
| Skel Muscle |             |         |

Note: There is minimal chronic onflammation of abdominal musculature

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |            |                       |                         |
|----------|------------|-----------------------|-------------------------|
| * Heart  | Myocardium | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney |            | Infiltration Cellular | Mononuclear CI, Minimal |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Gallbladder
- \* Harderian Gland
- \* 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
- \* 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

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney Nephropathy Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 54

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406822

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Kidney

Infiltration Cellular

Mononuclear CI, Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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          | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |                |                  |
|----------|----------------|------------------|
| * Kidney | Mineralization | Minimal          |
| * Liver  | Inflammation   | Chronic, Minimal |



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * 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  | * 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

OBSERVATIONS

- |                     |            |                       |                         |
|---------------------|------------|-----------------------|-------------------------|
| * Heart             | Myocardium | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver             |            | Inflammation          | Chronic, Minimal        |
| * Parathyroid Gland |            | Cyst                  |                         |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 57

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406825

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* 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
-----------------	---------------------

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406826

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**MISSING**

- \* Mammary Gland

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406827

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Trachea                  | * Urinary Bladder         |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                 |                |                  |
|-----------------|----------------|------------------|
| * Liver         | Inflammation   | Chronic, Minimal |
| * Thyroid Gland | Ectopic Thymus |                  |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 60

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406828

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**MISSING**

- \* Mammary Gland

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 61

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406829

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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                 | * Pituitary Gland         | * Salivary Glands           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |          |              |                  |
|----------|--------------|------------------|
| * Kidney | Nephropathy  | Minimal          |
| * Liver  | Inflammation | Chronic, Minimal |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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                  | * Parathyroid Gland        | * Pituitary Gland         | * Salivary Glands           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

OBSERVATIONS

- |                                      |                       |  |                         |
|--------------------------------------|-----------------------|--|-------------------------|
| * Clitoral GI                        |                       |  |                         |
| Note: One clitoral gland was missing |                       |  |                         |
| * Kidney                             | Nephropathy           |  | Minimal                 |
| * Liver                              | Inflammation          |  | Chronic, Minimal        |
| * Pancreas                           | Infiltration Cellular |  | Mononuclear CI, Minimal |



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |          |                       |                         |
|----------|-----------------------|-------------------------|
| * Kidney | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver  | Inflammation          | Chronic, Minimal        |

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Clitoral Gland
- \* Esophagus
- \* Eye
- \* Gallbladder
- \* Harderian Gland
- \* 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
- \* Pituitary Gland
- \* Salivary Glands
- \* Skin
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Thymus
- \* Thyroid Gland
- \* Trachea
- \* Urinary Bladder
- \* Uterus

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- \* Clitoral Gl

Note: One clitoral gland was missing

- \* Kidney

Infiltration Cellular

Mononuclear CI, Minimal

- \* Liver

Inflammation

Chronic, Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406834

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406835

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * 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           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Clitoral Gland

**INSUFFICIENT TISSUE**

- \* Parathyroid Gland

**OBSERVATIONS**

- \* Eye  
Note: Both optic nerves were missing
- \* Liver

Inflammation

Chronic, Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406836

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406837

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 0406838

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016  
**Time Report Requested:** 11:39:18  
**First Dose M/F:** 11/21/03 / 11/20/03  
**Lab:** BAT

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406839

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406840

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406841

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406842

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406843

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406844

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406845

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406846

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
beta-Picoline  
**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016  
**Time Report Requested:** 11:39:18  
**First Dose M/F:** 11/21/03 / 11/20/03  
**Lab:** BAT

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406847

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 78 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406848

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406849

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406850

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 83

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406851

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406852

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406853

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406854

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406855

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406856

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406857

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 156 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406858

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 91

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406859

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406860

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406861

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406862

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406863

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406864

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406865

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406866

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406867

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 312 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406868

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406869

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406870

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406871

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 104

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406872

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406873

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 106

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406874

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406875

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 108

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406876

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406877

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 20009 - 02

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

**CAS Number:** 108-99-6

**Date Report Requested:** 08/30/2016

**Time Report Requested:** 11:39:18

**First Dose M/F:** 11/21/03 / 11/20/03

**Lab:** BAT

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 625 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406878

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 111

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406879

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 112

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406880

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

**MISSING**

- |                     |                   |
|---------------------|-------------------|
| * Parathyroid Gland | * Pituitary Gland |
|---------------------|-------------------|

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

---

**ANIMAL ID:** 113

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406881

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |
- 

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|
-

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      |
| * Lymph Node, Mesenteric | * Mammary Gland            | * Nose                    | * Ovary                     |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Salivary Glands           |
| * Skin                   | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- \* Clitoral Gl

Note: One clitoral gland was missing

- \* Kidney
- \* Liver

Mineralization  
Inflammation

Minimal  
Chronic, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406883

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

**ANIMAL ID:** 116

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1250 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 0406884

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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                  |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**MISSING**

- \* Parathyroid Gland

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

OBSERVATIONS

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406886

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

**MISSING**

- \* Lymph Node, Mandibular

**OBSERVATIONS**

- |         |              |                  |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406887

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**OBSERVATIONS**

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|



Experiment Number: 20009 - 02

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

beta-Picoline

CAS Number: 108-99-6

Date Report Requested: 08/30/2016

Time Report Requested: 11:39:18

First Dose M/F: 11/21/03 / 11/20/03

Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 1250 MG/L

DISP: Terminal Sacrifice

HISTO: 0406888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * 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       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

OBSERVATIONS

- |          |                       |                         |
|----------|-----------------------|-------------------------|
| * Kidney | Infiltration Cellular | Mononuclear CI, Minimal |
|----------|-----------------------|-------------------------|

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