

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:42:22  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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

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

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

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

Date Report Requested: 10/19/2014  
Time Report Requested: 15:42:22  
First Dose M/F: NA / NA  
Lab: BAT

Male MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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<b>DOSE = 0</b>	<b>MG/L</b>			
TOTAL 10		UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				

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<b>DOSE = 78</b>	<b>MG/L</b>			
TOTAL 10		UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				

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<b>DOSE = 156</b>	<b>MG/L</b>			
TOTAL 10		UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				

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<b>DOSE = 312</b>	<b>MG/L</b>			
TOTAL 10		UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>				
none				
<b>CENSORED DEATH DAYS</b>				
none				

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(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

**Experiment Number:** 20009-02  
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**Test Compound:** beta-Picoline  
**CAS Number:** 108-99-6

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

**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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**DOSE = 625 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 1250 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:42:22  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
<b>0 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>78 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>156 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>312 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>625 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1250 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:42:22  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 MG/L</b>	<b>78 MG/L</b>	<b>156 MG/L</b>	<b>312 MG/L</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	92.0 (0.0)	92.0 (0.0)	92.0 (0.0)	92.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:42:22  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Male MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>625 MG/L</b>	<b>1250 MG/L</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	92.0 (0.0)	92.0 (0.0)

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

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

Date Report Requested: 10/19/2014  
Time Report Requested: 15:42:22  
First Dose M/F: NA / NA  
Lab: BAT

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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<b>DOSE = 0</b>	<b>MG/L</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

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<b>DOSE = 78</b>	<b>MG/L</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

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<b>DOSE = 156</b>	<b>MG/L</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

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<b>DOSE = 312</b>	<b>MG/L</b>				
TOTAL	10	UNCENSORED DEATHS	0	CENSORED DEATHS 0	TERMINAL 10
<b>UNCENSORED DEATH DAYS</b>					
none					
<b>CENSORED DEATH DAYS</b>					
none					

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 15:42:22  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

---

**DOSE = 625 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

---

**DOSE = 1250 MG/L**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** beta-Picoline  
**CAS Number:** 108-99-6

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**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	92(A)
<b>0 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>78 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>156 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>312 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>625 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1250 MG/L</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(A) FIRST TERMINAL SACRIFICE

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**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** beta-Picoline  
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**First Dose M/F:** NA / NA  
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**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 92 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 MG/L</b>	<b>78 MG/L</b>	<b>156 MG/L</b>	<b>312 MG/L</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	92.0 (0.0)	92.0 (0.0)	92.0 (0.0)	92.0 (0.0)

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**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 92 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>625 MG/L</b>	<b>1250 MG/L</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	-----	-----
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	. (.)	. (.)
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**\*\* END OF REPORT \*\***

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