

**Experiment Number:** 20214 - 02  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** MICE/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
5-Amino-o-cresol  
**CAS Number:** 2835-95-2

**Date Report Requested:** 10/16/2017  
**Time Report Requested:** 08:52:23  
**First Dose M/F:** 05/11/06 / 05/10/06  
**Lab:** BAT

**NTP Study Number:** C20214  
**Lock Date:** 12/06/2006  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.1\_cartox  
**PWG Approval Date:** 04/28/2008

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Lab: BAT

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 93 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0 mg/kg**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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**DOSE = 8 mg/kg**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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**DOSE = 16 mg/kg**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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**DOSE = 32 mg/kg**

TOTAL 10                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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**MALE MICE**

FIRST TERMINAL SACRIFICE AT 93 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 64 mg/kg**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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**DOSE = 128 mg/kg**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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MALE MICE

FIRST TERMINAL SACRIFICE AT 93 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	93(A)
0 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
128 mg/kg	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)

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Lab: BAT

MALE MICE

FIRST TERMINAL SACRIFICE AT 93 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
<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)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)

  

DOSE	64 mg/kg	128 mg/kg
<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)	93.0 (0.0)	93.0 (0.0)

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Lab: BAT

**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT 93 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0 mg/kg**

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 8 mg/kg**

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 16 mg/kg**

TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			

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**DOSE = 32 mg/kg**

TOTAL 10	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 9
UNCENSORED DEATH DAYS			
73			
CENSORED DEATH DAYS			
None			

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INDIVIDUAL SURVIVAL TIMES (DAYS)

---

**DOSE = 64 mg/kg**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

---

**DOSE = 128 mg/kg**

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

None

CENSORED DEATH DAYS

None

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DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	93(A)
0 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0
64 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
128 mg/kg	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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SURVIVAL SUMMARY STATISTICS

DOSE	0 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	90.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=1.000N	----	----	P=1.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	(.)	(.)	(.)	73.0 (.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	93.0 (0.0)	93.0 (0.0)	93.0 (0.0)	91.0 (2.0)

DOSE	64 mg/kg	128 mg/kg
<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)	93.0 (0.0)	93.0 (0.0)

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

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