

**Experiment Number:** 92012-02  
**Test Type:** 14-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** 2-Methylimidazole  
**CAS Number:** 693-98-1

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:46:33  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C92012
<b>Lock Date:</b>	08/31/1994
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 15 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

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<b>DOSE = VEHICLE CONTROL</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 1200 PPM</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 3300 PPM</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 10000 PPM</b>			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
<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)

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 15 DAYS**

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

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	15(A)
<b>VEHICLE CONTROL</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1200 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>3300 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>10000 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 15 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>VEHICLE CONTROL</b>	<b>1200 PPM</b>	<b>3300 PPM</b>	<b>10000 PPM</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)	15.0 (0.0)	15.0 (0.0)	15.0 (0.0)	15.0 (0.0)

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First Dose M/F: NA / NA

Lab: MBA

Female MOUSE  
FIRST TERMINAL SACRIFICE AT 15 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = VEHICLE CONTROL**

TOTAL 5                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 1200 PPM**

TOTAL 5                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 3300 PPM**

TOTAL 5                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**DOSE = 10000 PPM**

TOTAL 5                      UNCENSORED DEATHS 0                      CENSORED DEATHS 0                      TERMINAL 5

**UNCENSORED DEATH DAYS**

none

**CENSORED DEATH DAYS**

none

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**FIRST TERMINAL SACRIFICE AT 15 DAYS**

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

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	15(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3300 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000 PPM	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	VEHICLE CONTROL	1200 PPM	3300 PPM	10000 PPM
<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)	. (.)	. (.)	. (.)	. (.)
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