

Experiment Number: 20525-02
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: n-Butyl glycidyl ether
CAS Number: 2426-08-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:19:03
First Dose M/F: NA / NA
Lab: BNW

C Number:	C20525
Lock Date:	12/01/2006
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = CONTROL			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 62.5 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 125 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 250 PPM			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
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)

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Lab: BNW

**Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)**

DOSE = 500 PPM					
TOTAL	5	UNCENSORED DEATHS	5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS					
4	4	4	4		
CENSORED DEATH DAYS					
none					

DOSE = 1000 PPM					
TOTAL	5	UNCENSORED DEATHS	5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS					
2	2	2	2		
CENSORED DEATH DAYS					
none					

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**Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS**

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18(A)	18(A)
CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
125 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 PPM	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000 PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Lab: BNW

**Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS**

SURVIVAL SUMMARY STATISTICS

DOSE	CONTROL	62.5 PPM	125 PPM	250 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	18.0	18.0	18.0	18.0
	(0.0)	(0.0)	(0.0)	(0.0)

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**Male MOUSE
FIRST TERMINAL SACRIFICE AT 18 DAYS**

SURVIVAL SUMMARY STATISTICS

DOSE	500 PPM	1000 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.016	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	4.0 (.)	2.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	4.0 (0.0)	2.0 (0.0)

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FIRST TERMINAL SACRIFICE AT 18 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 500 PPM					
TOTAL	5	UNCENSORED DEATHS	5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS					
4	4	4	4		
CENSORED DEATH DAYS					
none					

DOSE = 1000 PPM					
TOTAL	5	UNCENSORED DEATHS	5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS					
2	2	2	2		
CENSORED DEATH DAYS					
none					

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500 PPM	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000 PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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