

Experiment Number: 88031-04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 12:35:09
First Dose M/F: NA / NA
Lab: AD LITTLE

C Number:	C88031
Lock Date:	06/10/1992
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 91 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 0.5%			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 1.0%			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 2.0%			
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)

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Lab: AD LITTLE

Male MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 4.0%			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 8.0%			
TOTAL 10	UNCENSORED DEATHS 3	CENSORED DEATHS 0	TERMINAL 7
UNCENSORED DEATH DAYS			
11	11	11	
CENSORED DEATH DAYS			
none			

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Lab: AD LITTLE

Male MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	91(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.5%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.0%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.0%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4.0%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0%	100.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0

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

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

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First Dose M/F: NA / NA
Lab: AD LITTLE

Male MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	0.5%	1.0%	2.0%
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.002	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
MEAN LIFE SPAN (D) (STANDARD ERROR)	91.0 (0.0)	91.0 (0.0)	91.0 (0.0)	91.0 (0.0)

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

Experiment Number: 88031-04
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Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA
Lab: AD LITTLE

Male MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	4.0%	8.0%
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	70.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	P=0.222
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	11.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	91.0 (0.0)	67.0 (12.2)

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

Experiment Number: 88031-04
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Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA
Lab: AD LITTLE

Female MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 0.5%			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 1.0%			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 2.0%			
TOTAL 10	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 9
UNCENSORED DEATH DAYS			
35			
CENSORED DEATH DAYS			
none			

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

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

Experiment Number: 88031-04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

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First Dose M/F: NA / NA
Lab: AD LITTLE

Female MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 4.0%

TOTAL 10

UNCENSORED DEATHS 0

CENSORED DEATHS 0

TERMINAL 10

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 8.0%

TOTAL 10

UNCENSORED DEATHS 1

CENSORED DEATHS 0

TERMINAL 9

UNCENSORED DEATH DAYS

14

CENSORED DEATH DAYS

none

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Species/Strain: Mouse/B6C3F1

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	10	20	30	40	50	60	70	80	90	91(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.5%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.0%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.0%	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
4.0%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0%	100.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	0.5%	1.0%	2.0%
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.445	-----	-----	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	.	35.0
MEAN LIFE SPAN (D) (STANDARD ERROR)	(.)	(.)	(.)	(.)
	91.0	91.0	91.0	85.4
	(0.0)	(0.0)	(0.0)	(5.6)

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Lab: AD LITTLE

Female MOUSE
FIRST TERMINAL SACRIFICE AT 91 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	4.0%	8.0%
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	-----	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	14.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	91.0 (0.0)	83.3 (7.7)

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**** END OF REPORT ****

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