

Experiment Number: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 10:07:30
First Dose M/F: NA / NA
Lab: ILS

C Number: C89002C
Lock Date: 08/21/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 187 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 13
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 1.25 UG TPA			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 13
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 0.75 MG			
TOTAL 20	UNCENSORED DEATHS 4	CENSORED DEATHS 7	TERMINAL 7
UNCENSORED DEATH DAYS			
53	132	132	157
CENSORED DEATH DAYS			
4	4	4	4
DOSE = 1.5 MG			
TOTAL 15	UNCENSORED DEATHS 1	CENSORED DEATHS 2	TERMINAL 10
UNCENSORED DEATH DAYS			
84			
CENSORED DEATH DAYS			
4	4		

(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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FIRST TERMINAL SACRIFICE AT 187 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 3.0 MG

TOTAL 15

UNCENSORED DEATHS 3

CENSORED DEATHS 1

TERMINAL 9

UNCENSORED DEATH DAYS

154 169 182

CENSORED DEATH DAYS

4

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	187(A)
0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.25 UG TPA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.75 MG	100.0	100.0	92.3	92.3	92.3	92.3	76.9	76.9	69.2	69.2
1.5 MG	100.0	100.0	100.0	100.0	92.3	92.3	92.3	92.3	92.3	92.3
3.0 MG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	85.7	78.6

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FIRST TERMINAL SACRIFICE AT 187 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG	1.25 UG TPA	0.75 MG	1.5 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	69.2%	92.3%
SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	118.5 (22.6)	84.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	187.0 (0.0)	187.0 (0.0)	100.6 (20.2)	150.9 (19.7)

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SURVIVAL SUMMARY STATISTICS

DOSE	3.0 MG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	78.6%
SIGNIFICANCE (B) (LIFE TABLE)	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	168.3 (8.1)
MEAN LIFE SPAN (D) (STANDARD ERROR)	168.6 (14.0)

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