

Experiment Number: 97011-17
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/18/2014
Time Report Requested: 17:29:16
First Dose M/F: NA / NA
Lab: MBA

C Number:	C97011B
Lock Date:	09/18/2000
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 188 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL

TOTAL 15 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 15

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 60 MG/KG

TOTAL 15 UNCENSORED DEATHS 5 CENSORED DEATHS 0 TERMINAL 10

UNCENSORED DEATH DAYS

140 142 145 162 187

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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FIRST TERMINAL SACRIFICE AT 188 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	188(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	73.3	66.7

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FIRST TERMINAL SACRIFICE AT 188 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	60 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	66.7%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.050	P=0.050
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	155.2 (8.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	188.0 (0.0)	177.1 (5.0)

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

DOSE = VEHICLE CONTROL

TOTAL 15 UNCENSORED DEATHS 0 CENSORED DEATHS 0 TERMINAL 15

UNCENSORED DEATH DAYS

none

CENSORED DEATH DAYS

none

DOSE = 60 MG/KG

TOTAL 15 UNCENSORED DEATHS 1 CENSORED DEATHS 0 TERMINAL 14

UNCENSORED DEATH DAYS

73

CENSORED DEATH DAYS

none

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	187(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60 MG/KG	100.0	100.0	100.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3

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FIRST TERMINAL SACRIFICE AT 187 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	60 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	93.3%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	73.0
MEAN LIFE SPAN (D) (STANDARD ERROR)	(.)	(.)
	187.0	179.4
	(0.0)	(7.6)

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