

Experiment Number: 95007-02
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)
CAS Number: 298-59-9

Date Report Requested: 10/17/2014
Time Report Requested: 22:20:28
First Dose M/F: NA / NA
Lab: BAT

C Number:	C95007V
Lock Date:	08/12/1996
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 169 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 50 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 250 PPM			
TOTAL 15	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 14
UNCENSORED DEATH DAYS			
15			
CENSORED DEATH DAYS			
none			
<hr/>			
DOSE = 500 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
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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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	17	34	51	68	85	102	119	136	153	169(A)
0 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50 PPM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
250 PPM	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
500 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	0 PPM	50 PPM	250 PPM	500 PPM
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	93.3%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000	-----	P=1.000	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	15.0	.
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	169.0	169.0	158.7	169.0
	(0.0)	(0.0)	(10.3)	(0.0)

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DOSE = 0 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 50 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 250 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 500 PPM			
TOTAL 15	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 15
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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250 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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SIGNIFICANCE (B) (LIFE TABLE)	-----	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	. (.)	. (.)	. (.)	. (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	169.0 (0.0)	169.0 (0.0)	169.0 (0.0)	169.0 (0.0)

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