

**Experiment Number:** 05136-09  
**Test Type:** 26-WEEK  
**Species/Strain:** Mouse/P53(C57BL/6)

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

**Test Compound:** Chloroprene  
**CAS Number:** 126-99-8

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 09:17:30  
**First Dose M/F:** NA / NA  
**Lab:** NIEHS

**C Number:** C50522C  
**Lock Date:** 09/08/1997  
**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 183 DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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<b>DOSE = CONTROL</b>			
TOTAL 20	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 20
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 02.0 PPM</b>			
TOTAL 20	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 20
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 12.8 PPM</b>			
TOTAL 20	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 20
<b>UNCENSORED DEATH DAYS</b>			
none			
<b>CENSORED DEATH DAYS</b>			
none			

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<b>DOSE = 80 PPM</b>			
TOTAL 20	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 19
<b>UNCENSORED DEATH DAYS</b>			
170			
<b>CENSORED DEATH DAYS</b>			
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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**Female MOUSE**  
**FIRST TERMINAL SACRIFICE AT 183 DAYS**

**KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)**

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	183(A)
<b>CONTROL</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>02.0 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>12.8 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>80 PPM</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	95.0

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**Female MOUSE  
FIRST TERMINAL SACRIFICE AT 183 DAYS**

**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>CONTROL</b>	<b>02.0 PPM</b>	<b>12.8 PPM</b>	<b>80 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	100.0%	100.0%	100.0%	95.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.493	-----	-----	P=1.000
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	.	.	.	170.0
	(.)	(.)	(.)	(.)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	183.0	183.0	183.0	182.4
	(0.0)	(0.0)	(0.0)	(0.7)

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**\*\* END OF REPORT \*\***

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