

**Experiment Number:** 99038-01  
**Test Type:** 1-YEAR  
**Species/Strain:** Mouse/P53(C57BL/6)

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
**Test Compound:** Bromodichloromethane  
**CAS Number:** 75-27-4

**Date Report Requested:** 04/18/2016  
**Time Report Requested:** 21:03:16  
**First Dose M/F:** NA / NA  
**Lab:** CIT

**C Number:** C99038  
**Lock Date:** Not Entered.  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male  
**PWG Approval Date** NONE

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 345 DAYS**  
**INDIVIDUAL SURVIVAL TIMES (DAYS)**

<b>DOSE = 0 PPM</b>													
TOTAL 96			UNCENSORED DEATHS 12			CENSORED DEATHS 58			TERMINAL 25				
<b>UNCENSORED DEATH DAYS</b>													
35	68	68	74	85	106	106	144	169	212	264	333		
<b>CENSORED DEATH DAYS</b>													
176	176	176	176	176	176	177	177	177	177	177	177	178	178
178	178	178	178	179	179	179	179	179	179	180	180	180	180
180	180	268	268	268	268	268	268	268	269	269	269	269	269
269	269	270	270	270	270	270	270	271	271	271	271	271	271
271	271												
<b>DOSE = 0.5 PPM</b>													
TOTAL 96			UNCENSORED DEATHS 10			CENSORED DEATHS 59			TERMINAL 25				
<b>UNCENSORED DEATH DAYS</b>													
29	161	163	171	171	187	212	230	240	264				
<b>CENSORED DEATH DAYS</b>													
176	176	176	176	176	176	177	177	177	177	177	177	178	178
178	178	178	178	179	179	179	179	179	179	180	180	180	180
180	180	268	268	268	268	268	268	268	269	269	269	269	269
269	269	270	270	270	270	270	270	270	271	271	271	271	271
271	271	271											

- (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".
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**Male MOUSE**  
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**INDIVIDUAL SURVIVAL TIMES (DAYS)**

<b>DOSE = 3 PPM</b>													
TOTAL 96			UNCENSORED DEATHS 9			CENSORED DEATHS 58			TERMINAL 23				
<b>UNCENSORED DEATH DAYS</b>													
35	80	149	158	173	184	219	226	313					
<b>CENSORED DEATH DAYS</b>													
176	176	176	176	176	176	177	177	177	177	177	177	178	178
178	178	178	178	179	179	179	179	179	179	180	180	180	180
180	180	268	268	268	268	268	268	268	269	269	269	269	269
269	269	270	270	270	270	270	270	270	271	271	271	271	271
271	271												
<b>DOSE = 10 PPM</b>													
TOTAL 96			UNCENSORED DEATHS 11			CENSORED DEATHS 55			TERMINAL 28				
<b>UNCENSORED DEATH DAYS</b>													
72	79	80	123	123	151	164	201	247	264	324			
<b>CENSORED DEATH DAYS</b>													
176	176	176	176	176	176	177	177	177	177	177	177	178	178
178	178	178	178	179	179	179	179	179	179	180	180	180	180
180	180	268	268	268	268	268	268	269	269	269	269	269	269
269	270	270	270	270	270	270	270	271	271	271	271	271	271
271													
<b>DOSE = 15 PPM</b>													
TOTAL 96			UNCENSORED DEATHS 8			CENSORED DEATHS 57			TERMINAL 31				
<b>UNCENSORED DEATH DAYS</b>													
5	7	33	80	136	151	158	163						
<b>CENSORED DEATH DAYS</b>													
176	176	176	176	176	176	177	177	177	177	177	177	178	178
178	178	178	178	179	179	179	179	179	179	180	180	180	180
180	180	268	268	268	268	268	268	268	269	269	269	269	269
269	269	270	270	270	270	270	270	270	271	271	271	271	271
271													

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**Male MOUSE**  
**FIRST TERMINAL SACRIFICE AT 345 DAYS**

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

DOSE	TIME (DAYS)									
	35	70	105	140	175	210	245	280	315	345(A)
<b>0 PPM</b>	99.0	96.9	94.8	92.7	90.6	90.6	89.0	87.4	87.4	84.2
<b>0.5 PPM</b>	99.0	99.0	99.0	99.0	94.8	93.2	88.6	87.0	87.0	87.0
<b>3 PPM</b>	99.0	99.0	97.9	97.9	94.8	93.2	90.1	90.1	87.1	87.1
<b>10 PPM</b>	100.0	100.0	96.9	94.8	92.7	91.1	91.1	88.0	88.0	85.2
<b>15 PPM</b>	96.9	96.9	95.8	94.8	91.7	91.7	91.7	91.7	91.7	91.7

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**SURVIVAL SUMMARY STATISTICS**

<b>DOSE</b>	<b>0 PPM</b>	<b>0.5 PPM</b>	<b>3 PPM</b>	<b>10 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	84.2%	87.0%	87.1%	85.2%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.582N	P=0.788N	P=0.720N	P=0.966N
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	138.7 (26.1)	182.8 (20.5)	170.8 (27.2)	166.2 (25.2)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	244.0 (8.4)	251.2 (7.4)	248.4 (7.8)	250.7 (8.0)

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**SURVIVAL SUMMARY STATISTICS**

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<b>DOSE</b>	<b>15 PPM</b>
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	91.7%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.467N
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	91.6 (24.4)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	250.4 (8.6)

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

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