

**Experiment Number:** 10260 - 02  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
2-Hydroxy-4-methoxybenzophenone  
**CAS Number:** 131-57-7

**Date Report Requested:** 02/14/2017  
**Time Report Requested:** 15:26:56  
**First Dose M/F:** 07/16/10 / 07/15/10  
**Lab:** BAT

Final 1\_Mice

**NTP Study Number:** C10260  
**Lock Date:** 10/09/2013  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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MALE MICE

FIRST TERMINAL SACRIFICE AT 727 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 ppm

TOTAL 49	UNCENSORED DEATHS 15	CENSORED DEATHS 0	TERMINAL 34
UNCENSORED DEATH DAYS			
288	541	573	573
712	595	599	599
	624	639	643
	665	665	706
			712
CENSORED DEATH DAYS			
None			

DOSE = 1000 ppm

TOTAL 50	UNCENSORED DEATHS 10	CENSORED DEATHS 0	TERMINAL 40
UNCENSORED DEATH DAYS			
624	624	629	638
	648	673	694
	698	714	719
CENSORED DEATH DAYS			
None			

DOSE = 3000 ppm

TOTAL 50	UNCENSORED DEATHS 7	CENSORED DEATHS 0	TERMINAL 43
UNCENSORED DEATH DAYS			
340	397	495	519
	649	662	701
CENSORED DEATH DAYS			
None			

DOSE = 10000 ppm

TOTAL 50	UNCENSORED DEATHS 8	CENSORED DEATHS 0	TERMINAL 42
UNCENSORED DEATH DAYS			
78	86	498	545
	634	661	673
			694
CENSORED DEATH DAYS			
None			

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**MALE MICE**

FIRST TERMINAL SACRIFICE AT 727 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	727(A)
0 ppm	100.0	100.0	100.0	98.0	98.0	98.0	95.9	85.7	75.5	69.4
1000 ppm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	80.0
3000 ppm	100.0	100.0	100.0	98.0	96.0	96.0	92.0	92.0	88.0	86.0
10000 ppm	96.0	96.0	96.0	96.0	96.0	96.0	92.0	92.0	88.0	84.0

(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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Species/Strain: MICE/B6C3F1/N

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**

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First Dose M/F: 07/16/10 / 07/15/10

Lab: BAT

**MALE MICE**

FIRST TERMINAL SACRIFICE AT 727 DAYS

<b>SURVIVAL SUMMARY STATISTICS</b>				
<b>DOSE</b>	0 ppm	1000 ppm	3000 ppm	10000 ppm
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	69.4%	80.0%	86.0%	84.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.266N	P=0.251N	P=0.094N	P=0.155N
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	608.9 (26.7)	666.1 (12.0)	537.6 (52.5)	483.6 (90.7)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	690.9 (11.2)	714.8 (4.2)	700.5 (11.6)	688.1 (18.7)

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**FEMALE MICE**

FIRST TERMINAL SACRIFICE AT **726** DAYS  
INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0 ppm**

TOTAL 50	UNCENSORED DEATHS 8	CENSORED DEATHS 0	TERMINAL 42
UNCENSORED DEATH DAYS			
575 596 669 673	682 685 691 721		
CENSORED DEATH DAYS			
None			

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**DOSE = 1000 ppm**

TOTAL 50	UNCENSORED DEATHS 11	CENSORED DEATHS 0	TERMINAL 39
UNCENSORED DEATH DAYS			
477 484 530 557	586 602 619 633 644 663 669		
CENSORED DEATH DAYS			
None			

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**DOSE = 3000 ppm**

TOTAL 50	UNCENSORED DEATHS 6	CENSORED DEATHS 0	TERMINAL 44
UNCENSORED DEATH DAYS			
577 643 705 705	712 712		
CENSORED DEATH DAYS			
None			

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**DOSE = 10000 ppm**

TOTAL 50	UNCENSORED DEATHS 4	CENSORED DEATHS 0	TERMINAL 46
UNCENSORED DEATH DAYS			
417 663 670 684			
CENSORED DEATH DAYS			
None			

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**FEMALE MICE**  
FIRST TERMINAL SACRIFICE AT 726 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	726(A)
0 ppm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	96.0	84.0
1000 ppm	100.0	100.0	100.0	100.0	100.0	96.0	94.0	88.0	80.0	78.0
3000 ppm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	96.0	88.0
10000 ppm	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	96.0	92.0

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FIRST TERMINAL SACRIFICE AT 726 DAYS

<b>SURVIVAL SUMMARY STATISTICS</b>				
<b>DOSE</b>	0 ppm	1000 ppm	3000 ppm	10000 ppm
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	84.0%	78.0%	88.0%	92.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.135N	P=0.492	P=0.724N	P=0.369N
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	661.5 (17.6)	587.6 (20.4)	675.7 (22.5)	608.5 (64.0)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	715.7 (4.3)	695.6 (9.3)	720.0 (3.4)	716.6 (6.4)

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

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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)