

**Experiment Number:** 20614 - 02  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**P11: STATISTICAL ANALYSIS OF SURVIVAL DATA**  
Perfluorooctanoic Acid  
**CAS Number:** 335-67-1

**Date Report Requested:** 06/29/2018  
**Time Report Requested:** 16:54:12  
**First Dose M/F:** 07/27/09 / NA  
**Lab:** BAT

Custom Rpt (Litter-Based) -- 0-0, 300-0

<b>NTP Study Number:</b>	C20614B		
<b>Lock Date:</b>	01/10/2012		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC	25020 NATD	25019 MSAC
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include 001 0/0 ppm	Include 002 300/0 ppm	
<b>Study Gender:</b>	Male		
<b>TDMSE Version:</b>	2.5.0.0_sfh		
<b>PWG Approval Date:</b>	NONE		

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**MALE RATS**

FIRST TERMINAL SACRIFICE AT 743 DAYS

INDIVIDUAL SURVIVAL TIMES (DAYS)

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**DOSE = 0/0 ppm**

TOTAL 50 [25]                      UNCENSORED DEATHS 14                      CENSORED DEATHS 0                      TERMINAL 36

UNCENSORED DEATH DAYS

137    194    302    304    434    584    624    655    675    689    697    697    718    718

CENSORED DEATH DAYS

None

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**DOSE = 300/0 ppm**

TOTAL 50 [25]                      UNCENSORED DEATHS 15                      CENSORED DEATHS 0                      TERMINAL 35

UNCENSORED DEATH DAYS

247    351    366    478    484    568    583    617    617    660    673    739    739    739  
742

CENSORED DEATH DAYS

None

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	90	180	270	365	425	485	545	605	665	743(A)
0/0 ppm	100.0	98.0	96.0	92.0	92.0	90.0	90.0	88.0	84.0	72.0
300/0 ppm	100.0	100.0	98.0	96.0	94.0	90.0	90.0	86.0	80.0	70.0

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS. NEGATIVE TRENDS ARE INDICATED BY "N". TREND AND PAIRWISE TESTS USE A PROPORTIONAL HAZARDS MODEL WITH DAMID AS A RANDOM EFFECT.

(C) MEAN OF LITTER MEANS OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

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

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**SURVIVAL SUMMARY STATISTICS**

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<b>DOSE</b>	0/0 ppm	300/0 ppm
<b>SURVIVAL AT END OF STUDY</b> (KAPLAN-MEIER)	72.0%	70.0%
<b>SIGNIFICANCE (B)</b> (LIFE TABLE)	P=0.862	P=0.862
<b>MEAN DAY OF NATURAL DEATHS (C)</b> (STANDARD ERROR)	518.5 (62.7)	575.5 (38.6)
<b>MEAN LIFE SPAN (D)</b> (STANDARD ERROR)	683.5 (20.6)	692.2 (14.7)

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

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