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: 16:50:26 First Dose M/F: 07/27/09 / NA

Lab: BAT

Custom Rpt (Litter-Based) -- 300-0, 300-20, 300-40, 300-80

NTP Study Number: C20614B

**Lock Date:** 01/10/2012

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC 25020 NATD 25019 MSAC

Removal Date Range: ALL

Treatment Groups: Include 002 300/0 ppm Include 004 300/20 ppm Include 006 300/40 ppm

Include 008 300/80 ppm

Study Gender: Male

**TDMSE Version:** 2.5.0.0\_sfh

PWG Approval Date: NONE

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: 16:50:26 First Dose M/F: 07/27/09 / NA

Lab: BAT

## **MALE RATS**

FIRST TERMINAL SACRIFICE AT **743** DAYS INDIVIDUAL SURVIVAL TIMES (DAYS)

										- /			
DOSE = 30	00/0 pp	m											
TOTAL 50	[25]		ι	JNCENS	ORED D	EATHS 1	15	(	CENSOR	RED DEA	THS 0		TERMINAL 35
UNCENS	ORED D	EATH DA	YS										
247 742	351	366	478	484	568	583	617	617	660	673	739	739	739
CENSOR None	ED DEA	TH DAYS											
DOSE = 30	00/20 p	pm											
TOTAL 50	[25]		ι	JNCENS	ORED D	EATHS 1	12	C	CENSOR	RED DEA	THS 0		TERMINAL 38
UNCENS													
238	241	465	478	485	599	683	693	711	734	739	739		
CENSORI None	ED DEA	TH DAYS											
DOSE = 30	00/40 p	nm											
TOTAL 50	_	<b>P</b>		INCENS	ORED D	EATHS 1	12	(	CENSOR	RED DEA	THS 0		TERMINAL 38
UNCENS		EATH DA		NOLINO	OKEDD	L/(IIIO	· _		DENOON	LD DLA	11100		TERMINAL 30
116 CENSORI None	260	561	624	645	648	683	701	708	715	722	739		
DOSE = 30	)0/80 p	pm											
TOTAL 50	_	-	ι	JNCENS	ORED D	EATHS 1	11	(	CENSOR	RED DEA	THS 0		TERMINAL 39
UNCENS	ORED D	EATH DA	YS										
134	298	505	527	550	617	629	670	689	715	739			
CENSOR None	ED DEA	TH DAYS											

**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: 16:50:26 First Dose M/F: 07/27/09 / NA

Lab: BAT

# MALE RATS FIRST TERMINAL SACRIFICE AT 743 DAYS

		KAPI	_AN-MEI	ER SUR	VIVAL PE	ROBABIL	ITY EST	IMATES	(%)	
DOSE					TIME (	DAYS)				
	90	180	270	365	425	485	545	605	665	743(A)
300/0 ppm	100.0	100.0	98.0	96.0	94.0	90.0	90.0	86.0	80.0	70.0
300/20 ppm	100.0	100.0	96.0	96.0	96.0	90.0	90.0	88.0	88.0	76.0
300/40 ppm	100.0	98.0	96.0	96.0	96.0	96.0	96.0	94.0	88.0	76.0
300/80 ppm	100.0	98.0	98.0	96.0	96.0	96.0	92.0	90.0	86.0	78.0

 <sup>(</sup>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)

**Test Type: CHRONIC** Route: DOSED FEED Species/Strain: RATS/HSD P11: STATISTICAL ANALYSIS OF SURVIVAL DATA

Perfluorooctanoic Acid **CAS Number:** 335-67-1

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Lab: BAT

#### MALE RATS

FIRST TERMINAL SACRIFICE AT 743 DAYS

SURVIVAL SUMMARY STATISTICS									
DOSE	300/0 ppm	300/20 ppm	300/40 ppm	300/80 ppm					
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	70.0%	76.0%	76.0%	78.0%					
SIGNIFICANCE (B) (LIFE TABLE)	P=0.429N	P=0.507N	P=0.486N	P=0.387N					
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	575.5 (38.6)	565.1 (56.9)	590.1 (61.8)	544.6 (59.9)					
MEAN LIFE SPAN (D) (STANDARD ERROR)	692.2 (14.7)	700.8 (15.8)	707.1 (15.6)	699.9 (16.5)					

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

 <sup>(</sup>A) FIRST TERMINAL SACRIFICE
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