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: 16:36:05 First Dose M/F: 10/27/08 / 10/28/08

Lab: BAT

Custom Rpt (Litter-Based) -- 0-300, 150-300

NTP Study Number: C20614

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

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC 25020 NATD 25019 MSAC

25016 Aborted

Removal Date Range: ALL

Treatment Groups: Include 004 0/300 ppm Include 006 150/300 ppm

Study Gender: Both

**TDMSE Version:** 2.5.0.0\_sfh

PWG Approval Date: NONE

Test Type: CHRONIC
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Lab: BAT

## **FEMALE RATS**

FIRST TERMINAL SACRIFICE AT **744** DAYS INDIVIDUAL SURVIVAL TIMES (DAYS)

| DOSE = 0/  | 300 pp                             | m          |            |            |            |                   |            |     |       |         |             |     |             |
|------------|------------------------------------|------------|------------|------------|------------|-------------------|------------|-----|-------|---------|-------------|-----|-------------|
| TOTAL 50   | [29]                               |            | L          | INCENS     | ORED DI    | EATHS 2           | 22         | C   | ENSOR | ED DEAT | ΓHS 0       |     | TERMINAL 28 |
| UNCENS     | ORED DI                            | EATH DA    | NYS        |            |            |                   |            |     |       |         |             |     |             |
| 250<br>695 | 470<br>695                         | 470<br>695 | 484<br>695 | 533<br>707 | 574<br>718 | 574<br>737        | 589<br>739 | 638 | 643   | 659     | 676         | 687 | 690         |
| CENSOR     | ED DEAT                            | TH DAYS    | ;          |            |            |                   |            |     |       |         |             |     |             |
| None       |                                    |            |            |            |            |                   |            |     |       |         |             |     |             |
| DOSE = 15  | 50/300 <sub> </sub>                | opm        |            |            |            |                   |            |     |       |         |             |     |             |
| TOTAL 50   | TOTAL 50 [29] UNCENSORED DEATHS 18 |            |            |            |            | CENSORED DEATHS 0 |            |     |       |         | TERMINAL 32 |     |             |
| UNCENS     | ORED DI                            | EATH DA    | YS         |            |            |                   |            |     |       |         |             |     |             |
| 295<br>718 | 322<br>718                         | 349<br>739 | 351<br>742 | 368        | 533        | 533               | 564        | 589 | 622   | 634     | 638         | 695 | 714         |
| CENSOR     | ED DEAT                            | TH DAYS    | ;          |            |            |                   |            |     |       |         |             |     |             |
| None       |                                    |            |            |            |            |                   |            |     |       |         |             |     |             |

**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

## **FEMALE RATS**

FIRST TERMINAL SACRIFICE AT 744 DAYS

|             |       | KAP   | LAN-MEI | ER SUR | VIVAL P | ROBABIL | ITY EST | IMATES | (%)  |        |
|-------------|-------|-------|---------|--------|---------|---------|---------|--------|------|--------|
| DOSE        |       |       |         |        | TIME (  | DAYS)   |         |        |      | -      |
|             | 90    | 180   | 270     | 365    | 425     | 485     | 545     | 605    | 665  | 744(A) |
| 0/300 ppm   | 100.0 | 100.0 | 98.0    | 98.0   | 98.0    | 92.0    | 90.0    | 84.0   | 78.0 | 56.0   |
| 150/300 ppm | 100.0 | 100.0 | 100.0   | 92.0   | 90.0    | 90.0    | 86.0    | 82.0   | 76.0 | 64.0   |

 <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

## **FEMALE RATS**

FIRST TERMINAL SACRIFICE AT 744 DAYS

| _   | SURVIVAL S      | SURVIVAL SUMMARY STATISTICS |  |  |  |  |
|---|-----------------|-----------------------------|--|--|--|--|
| DOSE  | 0/300 ppm       | 150/300 ppm                 |  |  |  |  |
| SURVIVAL AT END OF STUDY<br>(KAPLAN-MEIER)            | 56.0%           | 64.0%                       |  |  |  |  |
| SIGNIFICANCE (B)<br>(LIFE TABLE)                      | P=0.688N        | P=0.688N                    |  |  |  |  |
| MEAN DAY OF<br>NATURAL DEATHS (C)<br>(STANDARD ERROR) | 624.8<br>(31.4) | 574.0<br>(38.9)             |  |  |  |  |
| MEAN LIFE SPAN (D)<br>(STANDARD ERROR)                | 695.3<br>(13.8) | 681.1<br>(18.3)             |  |  |  |  |

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

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