

**Experiment Number:** 20613 - 01  
**Test Type:** 28-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Perfluorohexanoic acid (PFHXA)  
**CAS Number:** 307-24-4

**Date Report Requested:** 02/06/2018  
**Time Report Requested:** 12:33:08  
**First Dose M/F:** 01/17/12 / 01/18/12  
**Lab:** BAT

PFHxA\_Final 1

**NTP Study Number:** C20613  
**Lock Date:** 04/25/2016  
**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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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF PERFLUOROHEXANOIC ACID (PFHXA)**

**MALE RATS**

**Organ**

Kidney

Liver

Liver: Hepatocyte

Nose: Olfactory Epithelium

Spleen

Testes: Interstitial Cell

Testes: Seminiferous Tubule

**FEMALE RATS**

**Organ**

Kidney

Liver: Hepatocyte

Nose: Olfactory Epithelium

Spleen

Uterus

Uterus: Bilateral

**Morphology**

Nephropathy Chronic Progressive

Infiltration Cellular Mixed Cell

Cytoplasmic Alteration

Hypertrophy

Necrosis

Degeneration

Hyperplasia

Inflammation

Increased Extramedullary Hematopoiesis

Atrophy

Spermatid Retention

**Morphology**

Nephropathy Chronic Progressive

Cytoplasmic Alteration

Hypertrophy

Degeneration

Hyperplasia

Inflammation

Increased Extramedullary Hematopoiesis

Dilation

Dilation

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Epididymis: Duct<br/>Exfoliated Germ Cell</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                              |            |               |              |              |              |               |
| OVERALL (a)                                      | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 1/10 (10%)    |
| POLY-3 RATE (b)                                  | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/10.00      | 1/10.00       |
| POLY-3 PERCENT (g)                               | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                                     | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 1/10 (10%)    |
| FIRST INCIDENCE                                  | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                         |            |               |              |              |              |               |
| POLY 3   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                               | P=0.267    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

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TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                      | Males      |               |              |              |              |               |
|---------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                           | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Esophagus</b>          |            |               |              |              |              |               |
| <b>Inflammation Focal</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>       |            |               |              |              |              |               |
| OVERALL (a)               | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)           | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)        | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE           | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>  |            |               |              |              |              |               |
| POLY 3                    | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                    | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS        | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3            | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Males      |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Esophagus</b>         |            |               |              |              |              |               |
| <b>Ulcer Focal</b>       |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)          | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                 | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS       | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3           | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

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TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Males      |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Heart</b>             |            |               |              |              |              |               |
| <b>Cardiomyopathy</b>    |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 1/10 (10%) | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)          | 1/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)       | 10%        | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)             | 1/10 (10%) | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE          | 29 (T)     | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| POLY 1.5                 | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| POLY 6                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| COCH-ARM / FISHERS       | P=0.304N   | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| MAX-ISO-POLY-3           | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158N      |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Heart</b>                                  |            |               |              |              |              |               |
| <b>Infiltration Cellular Mononuclear Cell</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                           |            |               |              |              |              |               |
| OVERALL (a)                                   | 1/10 (10%) | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)                               | 1/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)                            | 10%        | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)                                  | 1/10 (10%) | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE                               | 29 (T)     | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                      |            |               |              |              |              |               |
| POLY 3  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| POLY 1.5                                      | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| POLY 6  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| COCH-ARM / FISHERS                            | P=0.304N   | (e)           | (e)          | (e)          | (e)          | P=0.500N      |
| MAX-ISO-POLY-3                                | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158N      |

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TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Males      |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Kidney Cyst</b>       |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)     |
| POLY-3 RATE (b)          | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 1/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 10%          | 0%            |
| TERMINAL (d)             | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)     |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | 29 (T)       | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| POLY 1.5                 | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| POLY 6                   | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| COCH-ARM / FISHERS       | P=0.585    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| MAX-ISO-POLY-3           | P=0.193    | (e)           | (e)          | (e)          | P=0.158      | (e)           |



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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Kidney</b>                          |            |               |              |              |              |               |
| <b>Nephropathy Chronic Progressive</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                    |            |               |              |              |              |               |
| <b>OVERALL (a)</b>                     | 3/10 (30%) | 8/10 (80%)    | 3/10 (30%)   | 8/10 (80%)   | 2/10 (20%)   | 6/10 (60%)    |
| <b>POLY-3 RATE (b)</b>                 | 3/10.00    | 8/10.00       | 3/10.00      | 8/10.00      | 2/10.00      | 6/10.00       |
| <b>POLY-3 PERCENT (g)</b>              | 30%        | 80%           | 30%          | 80%          | 20%          | 60%           |
| <b>TERMINAL (d)</b>                    | 3/10 (30%) | 8/10 (80%)    | 3/10 (30%)   | 8/10 (80%)   | 2/10 (20%)   | 6/10 (60%)    |
| <b>FIRST INCIDENCE</b>                 | 29 (T)     | 29 (T)        | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>               |            |               |              |              |              |               |
| <b>POLY 3</b>                          | P=0.520    | P=0.024*      | P=0.678      | P=0.024*     | P=0.500N     | P=0.186       |
| <b>POLY 1.5</b>                        | P=0.520    | P=0.024*      | P=0.678      | P=0.024*     | P=0.500N     | P=0.186       |
| <b>POLY 6</b>                          | P=0.520    | P=0.024*      | P=0.678      | P=0.024*     | P=0.500N     | P=0.186       |
| <b>COCH-ARM / FISHERS</b>              | P=0.519    | P=0.035*      | P=0.686N     | P=0.035*     | P=0.500N     | P=0.185       |
| <b>MAX-ISO-POLY-3</b>                  | P=0.071    | P=0.007**     | P=1.000      | P=0.007**    | P=0.310N     | P=0.089       |

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TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Males      |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Liver</b>             |            |               |              |              |              |               |
| <b>Clear Cell Focus</b>  |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)     |
| POLY-3 RATE (b)          | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 1/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 10%          | 0%            |
| TERMINAL (d)             | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)     |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | 29 (T)       | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| POLY 1.5                 | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| POLY 6                   | P=0.584    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| COCH-ARM / FISHERS       | P=0.585    | (e)           | (e)          | (e)          | P=0.500      | (e)           |
| MAX-ISO-POLY-3           | P=0.193    | (e)           | (e)          | (e)          | P=0.158      | (e)           |

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TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                       | Males      |               |              |              |              |               |
|----------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                            | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| Liver                      |            |               |              |              |              |               |
| Hepatodiaphragmatic Nodule |            |               |              |              |              |               |
| <b>LESION RATES</b>        |            |               |              |              |              |               |
| OVERALL (a)                | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)            | 0/10.00    | 0/10.00       | 1/10.00      | 0/10.00      | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)         | 0%         | 0%            | 10%          | 0%           | 0%           | 0%            |
| TERMINAL (d)               | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE            | ---        | ---           | 29 (T)       | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>   |            |               |              |              |              |               |
| POLY 3                     | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| POLY 1.5                   | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| POLY 6                     | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| COCH-ARM / FISHERS         | P=0.561N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| MAX-ISO-POLY-3             | P=0.282N   | (e)           | P=0.158      | (e)          | (e)          | (e)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                    | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Liver</b>                            |            |               |              |              |              |               |
| <b>Infiltration Cellular Mixed Cell</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                     |            |               |              |              |              |               |
| <b>OVERALL (a)</b>                      | 3/10 (30%) | 1/10 (10%)    | 0/10 (0%)    | 2/10 (20%)   | 5/10 (50%)   | 0/10 (0%)     |
| <b>POLY-3 RATE (b)</b>                  | 3/10.00    | 1/10.00       | 0/10.00      | 2/10.00      | 5/10.00      | 0/10.00       |
| <b>POLY-3 PERCENT (g)</b>               | 30%        | 10%           | 0%           | 20%          | 50%          | 0%            |
| <b>TERMINAL (d)</b>                     | 3/10 (30%) | 1/10 (10%)    | 0/10 (0%)    | 2/10 (20%)   | 5/10 (50%)   | 0/10 (0%)     |
| <b>FIRST INCIDENCE</b>                  | 29 (T)     | 29 (T)        | ---          | 29 (T)       | 29 (T)       | ---           |
| <b>STATISTICAL TESTS</b>                |            |               |              |              |              |               |
| <b>POLY 3</b>                           | P=0.402N   | P=0.292N      | P=0.095N     | P=0.500N     | P=0.329      | P=0.095N      |
| <b>POLY 1.5</b>                         | P=0.402N   | P=0.292N      | P=0.095N     | P=0.500N     | P=0.329      | P=0.095N      |
| <b>POLY 6</b>                           | P=0.402N   | P=0.292N      | P=0.095N     | P=0.500N     | P=0.329      | P=0.095N      |
| <b>COCH-ARM / FISHERS</b>               | P=0.408N   | P=0.291N      | P=0.105N     | P=0.500N     | P=0.325      | P=0.105N      |
| <b>MAX-ISO-POLY-3</b>                   | P=0.032N*  | P=0.136N      | P=0.025N*    | P=0.310N     | P=0.188      | P=0.025N*     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Liver: Hepatocyte<br/>Cytoplasmic Alteration</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                                 |            |               |              |              |              |               |
| OVERALL (a)   | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)   | 10/10 (100%)  |
| POLY-3 RATE (b)                                     | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 2/10.00      | 10/10.00      |
| POLY-3 PERCENT (g)                                  | 0%         | 0%            | 0%           | 0%           | 20%          | 100%          |
| TERMINAL (d)  | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)   | 10/10 (100%)  |
| FIRST INCIDENCE                                     | ---        | ---           | ---          | ---          | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                            |            |               |              |              |              |               |
| POLY 3  | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| POLY 1.5  | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| POLY 6  | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| COCH-ARM / FISHERS                                  | P<0.001**  | (e)           | (e)          | (e)          | P=0.237      | P<0.001**     |
| MAX-ISO-POLY-3                                      | P<0.001**  | (e)           | (e)          | (e)          | P=0.066      | (e)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                 | Males      |               |              |              |              |               |
|--------------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                      | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Liver: Hepatocyte Hypertrophy</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                  |            |               |              |              |              |               |
| OVERALL (a)                          | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)   | 10/10 (100%)  |
| POLY-3 RATE (b)                      | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 9/10.00      | 10/10.00      |
| POLY-3 PERCENT (g)                   | 0%         | 0%            | 0%           | 0%           | 90%          | 100%          |
| TERMINAL (d)                         | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)   | 10/10 (100%)  |
| FIRST INCIDENCE                      | ---        | ---           | ---          | ---          | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>             |            |               |              |              |              |               |
| POLY 3                               | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| POLY 1.5                             | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| POLY 6                               | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| COCH-ARM / FISHERS                   | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| MAX-ISO-POLY-3                       | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | (e)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                  | Males      |               |              |              |              |               |
|---------------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                       | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Liver: Hepatocyte<br/>Necrosis</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                   |            |               |              |              |              |               |
| OVERALL (a)                           | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| POLY-3 RATE (b)                       | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 1/10.00       |
| POLY-3 PERCENT (g)                    | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                          | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| FIRST INCIDENCE                       | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>              |            |               |              |              |              |               |
| POLY 3                                | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                              | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                                | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                    | P=0.105    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                        | P=0.041*   | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Males      |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| Lung<br>Fibrosis         |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)          | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                 | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS       | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3           | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |



Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                    | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Lung: Bronchiole<br/>Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                     |            |               |              |              |              |               |
| OVERALL (a)                             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)                         | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)                      | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                            | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE                         | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                |            |               |              |              |              |               |
| POLY 3                                  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                                | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                                  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                      | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                          | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Lung: Bronchiole<br/>Infiltration Cellular Histiocyte</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>  |            |               |              |              |              |               |
| OVERALL (a)  | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)  | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)   | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)   | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE  | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                                     |            |               |              |              |              |               |
| POLY 3   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS   | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

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| DOSE | Males      |               |              |              |              |               |
|------|------------|---------------|--------------|--------------|--------------|---------------|
|      | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |

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**Lymph Node: Mediastinal  
Inflammation Granulomatous**

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| <b>LESION RATES</b> |          |            |          |          |          |          |
|---------------------|----------|------------|----------|----------|----------|----------|
| OVERALL (a)         | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%) |
| POLY-3 RATE (b)     | 0/0.00   | 1/1.00     | 0/0.00   | 0/0.00   | 0/0.00   | 0/0.00   |
| POLY-3 PERCENT (g)  | 0%       | 100%       | 0%       | 0%       | 0%       | 0%       |
| TERMINAL (d)        | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%) |
| FIRST INCIDENCE     | ---      | 29 (T)     | ---      | ---      | ---      | ---      |

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| <b>STATISTICAL TESTS</b> |     |     |     |     |     |     |
|--------------------------|-----|-----|-----|-----|-----|-----|
| POLY 3                   | (e) | (e) | (e) | (e) | (e) | (e) |
| POLY 1.5                 | (e) | (e) | (e) | (e) | (e) | (e) |
| POLY 6                   | (e) | (e) | (e) | (e) | (e) | (e) |
| COCH-ARM / FISHERS       | (e) | (e) | (e) | (e) | (e) | (e) |
| MAX-ISO-POLY-3           | (e) | (e) | (e) | (e) | (e) | (e) |

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Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Nose: Olfactory Epithelium Degeneration</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                            |            |               |              |              |              |               |
| OVERALL (a)                                    | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 6/10 (60%)   | 6/10 (60%)   | 6/10 (60%)    |
| POLY-3 RATE (b)                                | 0/10.00    | 0/10.00       | 1/10.00      | 6/10.00      | 6/10.00      | 6/10.00       |
| POLY-3 PERCENT (g)                             | 0%         | 0%            | 10%          | 60%          | 60%          | 60%           |
| TERMINAL (d)                                   | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 6/10 (60%)   | 6/10 (60%)   | 6/10 (60%)    |
| FIRST INCIDENCE                                | ---        | ---           | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                       |            |               |              |              |              |               |
| POLY 3   | P<0.001**  | (e)           | P=0.500      | P<0.001**    | P<0.001**    | P<0.001**     |
| POLY 1.5                                       | P<0.001**  | (e)           | P=0.500      | P<0.001**    | P<0.001**    | P<0.001**     |
| POLY 6   | P<0.001**  | (e)           | P=0.500      | P<0.001**    | P<0.001**    | P<0.001**     |
| COCH-ARM / FISHERS                             | P<0.001**  | (e)           | P=0.500      | P=0.005**    | P=0.005**    | P=0.005**     |
| MAX-ISO-POLY-3                                 | P<0.001**  | (e)           | P=0.158      | P<0.001**    | P<0.001**    | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Nose: Olfactory Epithelium<br/>Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                               |            |               |              |              |              |               |
| OVERALL (a)                                       | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 6/10 (60%)   | 5/10 (50%)   | 6/10 (60%)    |
| POLY-3 RATE (b)                                   | 0/10.00    | 0/10.00       | 0/10.00      | 6/10.00      | 5/10.00      | 6/10.00       |
| POLY-3 PERCENT (g)                                | 0%         | 0%            | 0%           | 60%          | 50%          | 60%           |
| TERMINAL (d)                                      | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 6/10 (60%)   | 5/10 (50%)   | 6/10 (60%)    |
| FIRST INCIDENCE                                   | ---        | ---           | ---          | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                          |            |               |              |              |              |               |
| POLY 3  | P<0.001**  | (e)           | (e)          | P<0.001**    | P=0.008**    | P<0.001**     |
| POLY 1.5  | P<0.001**  | (e)           | (e)          | P<0.001**    | P=0.008**    | P<0.001**     |
| POLY 6  | P<0.001**  | (e)           | (e)          | P<0.001**    | P=0.008**    | P<0.001**     |
| COCH-ARM / FISHERS                                | P<0.001**  | (e)           | (e)          | P=0.005**    | P=0.016*     | P=0.005**     |
| MAX-ISO-POLY-3                                    | P<0.001**  | (e)           | (e)          | P<0.001**    | P<0.001**    | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Nose: Olfactory Epithelium Inflammation</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                            |            |               |              |              |              |               |
| OVERALL (a)                                    | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 3/10 (30%)   | 6/10 (60%)    |
| POLY-3 RATE (b)                                | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 3/10.00      | 6/10.00       |
| POLY-3 PERCENT (g)                             | 0%         | 0%            | 0%           | 0%           | 30%          | 60%           |
| TERMINAL (d)                                   | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 3/10 (30%)   | 6/10 (60%)    |
| FIRST INCIDENCE                                | ---        | ---           | ---          | ---          | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                       |            |               |              |              |              |               |
| POLY 3   | P<0.001**  | (e)           | (e)          | (e)          | P=0.095      | P<0.001**     |
| POLY 1.5                                       | P<0.001**  | (e)           | (e)          | (e)          | P=0.095      | P<0.001**     |
| POLY 6   | P<0.001**  | (e)           | (e)          | (e)          | P=0.095      | P<0.001**     |
| COCH-ARM / FISHERS                             | P<0.001**  | (e)           | (e)          | (e)          | P=0.105      | P=0.005**     |
| MAX-ISO-POLY-3                                 | P<0.001**  | (e)           | (e)          | (e)          | P=0.025*     | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Spleen</b>                          |            |               |              |              |              |               |
| Increased Extramedullary Hematopoiesis |            |               |              |              |              |               |
| <b>LESION RATES</b>                    |            |               |              |              |              |               |
| OVERALL (a)                            | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 6/10 (60%)   | 10/10 (100%)  |
| POLY-3 RATE (b)                        | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 6/10.00      | 10/10.00      |
| POLY-3 PERCENT (g)                     | 0%         | 0%            | 0%           | 0%           | 60%          | 100%          |
| TERMINAL (d)                           | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 6/10 (60%)   | 10/10 (100%)  |
| FIRST INCIDENCE                        | ---        | ---           | ---          | ---          | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>               |            |               |              |              |              |               |
| POLY 3                                 | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| POLY 1.5                               | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| POLY 6                                 | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | P<0.001**     |
| COCH-ARM / FISHERS                     | P<0.001**  | (e)           | (e)          | (e)          | P=0.005**    | P<0.001**     |
| MAX-ISO-POLY-3                         | P<0.001**  | (e)           | (e)          | (e)          | P<0.001**    | (e)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Stomach, Forestomach: Epithelium<br/>Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                                     |            |               |              |              |              |               |
| OVERALL (a)   | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)   | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)                                      | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)  | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE   | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                                |            |               |              |              |              |               |
| POLY 3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS                                      | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |



Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE  | Males      |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Stomach, Forestomach: Epithelium<br/>Ulcer</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                               |            |               |              |              |              |               |
| OVERALL (a)                                       | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)                                   | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)                                | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                                      | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE                                   | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                          |            |               |              |              |              |               |
| POLY 3  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                                | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                                    | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                       | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Testes: Germinal Epithelium Atrophy</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                        |            |               |              |              |              |               |
| OVERALL (a)                                | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)                            | 0/10.00    | 0/10.00       | 1/10.00      | 0/10.00      | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)                         | 0%         | 0%            | 10%          | 0%           | 0%           | 0%            |
| TERMINAL (d)                               | 0/10 (0%)  | 0/10 (0%)     | 1/10 (10%)   | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE                            | ---        | ---           | 29 (T)       | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                   |            |               |              |              |              |               |
| POLY 3                                     | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| POLY 1.5                                   | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| POLY 6                                     | P=0.560N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| COCH-ARM / FISHERS                         | P=0.561N   | (e)           | P=0.500      | (e)          | (e)          | (e)           |
| MAX-ISO-POLY-3                             | P=0.282N   | (e)           | P=0.158      | (e)          | (e)          | (e)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                     | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Testes: Interstitial Cell Atrophy</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                      |            |               |              |              |              |               |
| OVERALL (a)                              | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| POLY-3 RATE (b)                          | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 1/10.00       |
| POLY-3 PERCENT (g)                       | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                             | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| FIRST INCIDENCE                          | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                 |            |               |              |              |              |               |
| POLY 3                                   | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                                 | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                                   | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                       | P=0.105    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                           | P=0.041*   | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE   | Males      |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d M | 62.6mg/kg/d M | 125mg/kg/d M | 250mg/kg/d M | 500mg/kg/d M | 1000mg/kg/d M |
| <b>Testes: Seminiferous Tubule<br/>Spermatid Retention</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>  |            |               |              |              |              |               |
| OVERALL (a)  | 1/10 (10%) | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)    |
| POLY-3 RATE (b)  | 1/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 2/10.00       |
| POLY-3 PERCENT (g)   | 10%        | 0%            | 0%           | 0%           | 0%           | 20%           |
| TERMINAL (d)   | 1/10 (10%) | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)    |
| FIRST INCIDENCE  | 29 (T)     | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                                   |            |               |              |              |              |               |
| POLY 3   | P=0.086    | P=0.500N      | P=0.500N     | P=0.500N     | P=0.500N     | P=0.500       |
| POLY 1.5   | P=0.086    | P=0.500N      | P=0.500N     | P=0.500N     | P=0.500N     | P=0.500       |
| POLY 6   | P=0.086    | P=0.500N      | P=0.500N     | P=0.500N     | P=0.500N     | P=0.500       |
| COCH-ARM / FISHERS   | P=0.089    | P=0.500N      | P=0.500N     | P=0.500N     | P=0.500N     | P=0.500       |
| MAX-ISO-POLY-3   | P=0.030*   | P=0.158N      | P=0.158N     | P=0.158N     | P=0.158N     | P=0.274       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                      | Females    |               |              |              |              |               |
|---------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                           | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Esophagus</b>          |            |               |              |              |              |               |
| <b>Inflammation Focal</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>       |            |               |              |              |              |               |
| OVERALL (a)               | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)           | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)        | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE           | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>  |            |               |              |              |              |               |
| POLY 3                    | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                    | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS        | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3            | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| Esophagus<br>Ulcer Focal |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)          | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                 | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS       | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3           | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Heart</b>             |            |               |              |              |              |               |
| <b>Cardiomyopathy</b>    |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)          | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                 | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS       | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3           | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Heart</b>                                  |            |               |              |              |              |               |
| <b>Infiltration Cellular Mononuclear Cell</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                           |            |               |              |              |              |               |
| OVERALL (a)                                   | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| POLY-3 RATE (b)                               | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/10.00       |
| POLY-3 PERCENT (g)                            | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)                                  | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)     |
| FIRST INCIDENCE                               | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                      |            |               |              |              |              |               |
| POLY 3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                                      | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS                            | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3                                | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |



Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| Kidney<br>Cyst           |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| POLY-3 RATE (b)          | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 1/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)             | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 1/10 (10%)    |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                 | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                   | P=0.107    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS       | P=0.105    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3           | P=0.074    | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE                                   | Females    |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Kidney</b>                          |            |               |              |              |              |               |
| <b>Nephropathy Chronic Progressive</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                    |            |               |              |              |              |               |
| OVERALL (a)                            | 2/10 (20%) | 4/10 (40%)    | 4/10 (40%)   | 1/10 (10%)   | 3/10 (30%)   | 8/10 (80%)    |
| POLY-3 RATE (b)                        | 2/10.00    | 4/10.00       | 4/10.00      | 1/10.00      | 3/10.00      | 8/10.00       |
| POLY-3 PERCENT (g)                     | 20%        | 40%           | 40%          | 10%          | 30%          | 80%           |
| TERMINAL (d)                           | 2/10 (20%) | 4/10 (40%)    | 4/10 (40%)   | 1/10 (10%)   | 3/10 (30%)   | 8/10 (80%)    |
| FIRST INCIDENCE                        | 29 (T)     | 29 (T)        | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>               |            |               |              |              |              |               |
| POLY 3                                 | P=0.004**  | P=0.318       | P=0.318      | P=0.500N     | P=0.500      | P=0.004**     |
| POLY 1.5                               | P=0.004**  | P=0.318       | P=0.318      | P=0.500N     | P=0.500      | P=0.004**     |
| POLY 6                                 | P=0.004**  | P=0.318       | P=0.318      | P=0.500N     | P=0.500      | P=0.004**     |
| COCH-ARM / FISHERS                     | P=0.007**  | P=0.314       | P=0.314      | P=0.500N     | P=0.500      | P=0.012*      |
| MAX-ISO-POLY-3                         | P=0.003**  | P=0.171       | P=0.171      | P=0.274N     | P=0.310      | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| Liver                    |            |               |              |              |              |               |
| Clear Cell Focus         |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)          | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)             | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                 | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                   | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS       | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3           | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                              | Females    |               |              |              |              |               |
|-----------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Liver</b>                      |            |               |              |              |              |               |
| <b>Hepatodiaphragmatic Nodule</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>               |            |               |              |              |              |               |
| OVERALL (a)                       | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)                   | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)                | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)                      | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE                   | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>          |            |               |              |              |              |               |
| POLY 3                            | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                          | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                            | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS                | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3                    | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

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First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE                                    | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Liver</b>                            |            |               |              |              |              |               |
| <b>Infiltration Cellular Mixed Cell</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                     |            |               |              |              |              |               |
| OVERALL (a)                             | 1/10 (10%) | 2/10 (20%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)    | 1/10 (10%)    |
| POLY-3 RATE (b)                         | 1/10.00    | 2/10.00       | 0/10.00      | 1/10.00      | 0/10.00      | 1/10.00       |
| POLY-3 PERCENT (g)                      | 10%        | 20%           | 0%           | 10%          | 0%           | 10%           |
| TERMINAL (d)                            | 1/10 (10%) | 2/10 (20%)    | 0/10 (0%)    | 1/10 (10%)   | 0/10 (0%)    | 1/10 (10%)    |
| FIRST INCIDENCE                         | 29 (T)     | 29 (T)        | ---          | 29 (T)       | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                |            |               |              |              |              |               |
| POLY 3                                  | P=0.506N   | P=0.500       | P=0.500N     | P=0.760      | P=0.500N     | P=0.760       |
| POLY 1.5                                | P=0.506N   | P=0.500       | P=0.500N     | P=0.760      | P=0.500N     | P=0.760       |
| POLY 6                                  | P=0.506N   | P=0.500       | P=0.500N     | P=0.760      | P=0.500N     | P=0.760       |
| COCH-ARM / FISHERS                      | P=0.506N   | P=0.500       | P=0.500N     | P=0.763N     | P=0.500N     | P=0.763N      |
| MAX-ISO-POLY-3                          | P=0.394N   | P=0.274       | P=0.158N     | P=1.000      | P=0.158N     | P=1.000       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Liver: Hepatocyte<br/>Cytoplasmic Alteration</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                                 |            |               |              |              |              |               |
| OVERALL (a)   | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)    |
| POLY-3 RATE (b)                                     | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 9/10.00       |
| POLY-3 PERCENT (g)                                  | 0%         | 0%            | 0%           | 0%           | 0%           | 90%           |
| TERMINAL (d)  | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)    |
| FIRST INCIDENCE                                     | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                            |            |               |              |              |              |               |
| POLY 3  | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| POLY 1.5  | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| POLY 6  | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| COCH-ARM / FISHERS                                  | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| MAX-ISO-POLY-3                                      | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE                                 | Females    |               |              |              |              |               |
|--------------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                      | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Liver: Hepatocyte Hypertrophy</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                  |            |               |              |              |              |               |
| OVERALL (a)                          | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)    |
| POLY-3 RATE (b)                      | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 9/10.00       |
| POLY-3 PERCENT (g)                   | 0%         | 0%            | 0%           | 0%           | 0%           | 90%           |
| TERMINAL (d)                         | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 9/10 (90%)    |
| FIRST INCIDENCE                      | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>             |            |               |              |              |              |               |
| POLY 3                               | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| POLY 1.5                             | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| POLY 6                               | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| COCH-ARM / FISHERS                   | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |
| MAX-ISO-POLY-3                       | P<0.001**  | (e)           | (e)          | (e)          | (e)          | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                  | Females    |               |              |              |              |               |
|---------------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                       | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Liver: Hepatocyte<br/>Necrosis</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                   |            |               |              |              |              |               |
| OVERALL (a)                           | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)                       | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)                    | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)                          | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE                       | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>              |            |               |              |              |              |               |
| POLY 3                                | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5                              | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6                                | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS                    | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3                        | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |



Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Lung<br/>Fibrosis</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)          | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)       | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE          | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                 | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS       | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3           | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                    | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Lung: Bronchiole<br/>Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                     |            |               |              |              |              |               |
| OVERALL (a)                             | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)                         | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)                      | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)                            | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE                         | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                |            |               |              |              |              |               |
| POLY 3                                  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5                                | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6                                  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS                      | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3                          | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE   | Females    |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Lung: Bronchiole<br/>Infiltration Cellular Histiocyte</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>  |            |               |              |              |              |               |
| OVERALL (a)  | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| POLY-3 RATE (b)  | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 1/10.00       |
| POLY-3 PERCENT (g)   | 0%         | 0%            | 0%           | 0%           | 0%           | 10%           |
| TERMINAL (d)   | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 1/10 (10%)    |
| FIRST INCIDENCE  | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                                     |            |               |              |              |              |               |
| POLY 3   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 1.5   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| POLY 6   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| COCH-ARM / FISHERS   | P=0.304    | (e)           | (e)          | (e)          | (e)          | P=0.500       |
| MAX-ISO-POLY-3   | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.158       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Lymph Node: Mediastinal<br/>Inflammation Granulomatous</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>   |            |               |              |              |              |               |
| OVERALL (a)   | 0/0 (0%)   | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)      |
| POLY-3 RATE (b)   | 0/0.00     | 0/0.00        | 0/0.00       | 0/0.00       | 0/0.00       | 0/0.00        |
| POLY-3 PERCENT (g)  | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)  | 0/0 (0%)   | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)     | 0/0 (0%)      |
| FIRST INCIDENCE   | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                                      |            |               |              |              |              |               |
| POLY 3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE   | Females    |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Nose: Olfactory Epithelium Degeneration</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                            |            |               |              |              |              |               |
| OVERALL (a)                                    | 0/10 (0%)  | 1/10 (10%)    | 3/10 (30%)   | 9/10 (90%)   | 9/10 (90%)   | 6/10 (60%)    |
| POLY-3 RATE (b)                                | 0/10.00    | 1/10.00       | 3/10.00      | 9/10.00      | 9/10.00      | 6/10.00       |
| POLY-3 PERCENT (g)                             | 0%         | 10%           | 30%          | 90%          | 90%          | 60%           |
| TERMINAL (d)                                   | 0/10 (0%)  | 1/10 (10%)    | 3/10 (30%)   | 9/10 (90%)   | 9/10 (90%)   | 6/10 (60%)    |
| FIRST INCIDENCE                                | ---        | 29 (T)        | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                       |            |               |              |              |              |               |
| POLY 3   | P<0.001**  | P=0.500       | P=0.095      | P<0.001**    | P<0.001**    | P<0.001**     |
| POLY 1.5                                       | P<0.001**  | P=0.500       | P=0.095      | P<0.001**    | P<0.001**    | P<0.001**     |
| POLY 6   | P<0.001**  | P=0.500       | P=0.095      | P<0.001**    | P<0.001**    | P<0.001**     |
| COCH-ARM / FISHERS                             | P=0.002**  | P=0.500       | P=0.105      | P<0.001**    | P<0.001**    | P=0.005**     |
| MAX-ISO-POLY-3                                 | P<0.001**  | P=0.158       | P=0.024*     | P<0.001**    | P<0.001**    | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Nose: Olfactory Epithelium<br/>Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                               |            |               |              |              |              |               |
| OVERALL (a)                                       | 0/10 (0%)  | 0/10 (0%)     | 3/10 (30%)   | 4/10 (40%)   | 7/10 (70%)   | 3/10 (30%)    |
| POLY-3 RATE (b)                                   | 0/10.00    | 0/10.00       | 3/10.00      | 4/10.00      | 7/10.00      | 3/10.00       |
| POLY-3 PERCENT (g)                                | 0%         | 0%            | 30%          | 40%          | 70%          | 30%           |
| TERMINAL (d)                                      | 0/10 (0%)  | 0/10 (0%)     | 3/10 (30%)   | 4/10 (40%)   | 7/10 (70%)   | 3/10 (30%)    |
| FIRST INCIDENCE                                   | ---        | ---           | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                          |            |               |              |              |              |               |
| POLY 3  | P=0.023*   | (e)           | P=0.095      | P=0.033*     | P<0.001**    | P=0.095       |
| POLY 1.5  | P=0.023*   | (e)           | P=0.095      | P=0.033*     | P<0.001**    | P=0.095       |
| POLY 6  | P=0.023*   | (e)           | P=0.095      | P=0.033*     | P<0.001**    | P=0.095       |
| COCH-ARM / FISHERS                                | P=0.037*   | (e)           | P=0.105      | P=0.043*     | P=0.002**    | P=0.105       |
| MAX-ISO-POLY-3                                    | P=0.005**  | (e)           | P=0.024*     | P=0.007**    | P<0.001**    | P=0.024*      |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE   | Females    |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Nose: Olfactory Epithelium Inflammation</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                            |            |               |              |              |              |               |
| OVERALL (a)                                    | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 1/10 (10%)   | 5/10 (50%)   | 8/10 (80%)    |
| POLY-3 RATE (b)                                | 0/10.00    | 0/10.00       | 0/10.00      | 1/10.00      | 5/10.00      | 8/10.00       |
| POLY-3 PERCENT (g)                             | 0%         | 0%            | 0%           | 10%          | 50%          | 80%           |
| TERMINAL (d)                                   | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 1/10 (10%)   | 5/10 (50%)   | 8/10 (80%)    |
| FIRST INCIDENCE                                | ---        | ---           | ---          | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>                       |            |               |              |              |              |               |
| POLY 3   | P<0.001**  | (e)           | (e)          | P=0.500      | P=0.008**    | P<0.001**     |
| POLY 1.5                                       | P<0.001**  | (e)           | (e)          | P=0.500      | P=0.008**    | P<0.001**     |
| POLY 6   | P<0.001**  | (e)           | (e)          | P=0.500      | P=0.008**    | P<0.001**     |
| COCH-ARM / FISHERS                             | P<0.001**  | (e)           | (e)          | P=0.500      | P=0.016*     | P<0.001**     |
| MAX-ISO-POLY-3                                 | P<0.001**  | (e)           | (e)          | P=0.158      | P=0.002**    | P<0.001**     |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                                   | Females    |               |              |              |              |               |
|--|------------|---------------|--------------|--------------|--------------|---------------|
|  | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Spleen</b>                          |            |               |              |              |              |               |
| Increased Extramedullary Hematopoiesis |            |               |              |              |              |               |
| <b>LESION RATES</b>                    |            |               |              |              |              |               |
| OVERALL (a)                            | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)   | 9/10 (90%)    |
| POLY-3 RATE (b)                        | 0/10.00    | 0/10.00       | 0/10.00      | 0/10.00      | 2/10.00      | 9/10.00       |
| POLY-3 PERCENT (g)                     | 0%         | 0%            | 0%           | 0%           | 20%          | 90%           |
| TERMINAL (d)                           | 0/10 (0%)  | 0/10 (0%)     | 0/10 (0%)    | 0/10 (0%)    | 2/10 (20%)   | 9/10 (90%)    |
| FIRST INCIDENCE                        | ---        | ---           | ---          | ---          | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>               |            |               |              |              |              |               |
| POLY 3                                 | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| POLY 1.5                               | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| POLY 6                                 | P<0.001**  | (e)           | (e)          | (e)          | P=0.227      | P<0.001**     |
| COCH-ARM / FISHERS                     | P<0.001**  | (e)           | (e)          | (e)          | P=0.237      | P<0.001**     |
| MAX-ISO-POLY-3                         | P<0.001**  | (e)           | (e)          | (e)          | P=0.067      | P<0.001**     |



Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Stomach, Forestomach: Epithelium Hyperplasia</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                                 |            |               |              |              |              |               |
| OVERALL (a)   | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 2/10 (20%)    |
| POLY-3 RATE (b)                                     | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/10.00      | 2/10.00       |
| POLY-3 PERCENT (g)                                  | 0%         | 0%            | 0%           | 0%           | 0%           | 20%           |
| TERMINAL (d)  | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 2/10 (20%)    |
| FIRST INCIDENCE                                     | ---        | ---           | ---          | ---          | ---          | 29 (T)        |
| <b>STATISTICAL TESTS</b>                            |            |               |              |              |              |               |
| POLY 3  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.227       |
| POLY 1.5  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.227       |
| POLY 6  | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.227       |
| COCH-ARM / FISHERS                                  | P=0.089    | (e)           | (e)          | (e)          | (e)          | P=0.237       |
| MAX-ISO-POLY-3                                      | (e)        | (e)           | (e)          | (e)          | (e)          | P=0.067       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE  | Females    |               |              |              |              |               |
|---|------------|---------------|--------------|--------------|--------------|---------------|
|   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Stomach, Forestomach: Epithelium<br/>Ulcer</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>                               |            |               |              |              |              |               |
| OVERALL (a)                                       | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 0/10 (0%)     |
| POLY-3 RATE (b)                                   | 0/10.00    | 0/0.00        | 0/0.00       | 0/0.00       | 0/10.00      | 0/10.00       |
| POLY-3 PERCENT (g)                                | 0%         | 0%            | 0%           | 0%           | 0%           | 0%            |
| TERMINAL (d)                                      | 0/10 (0%)  | 0/0 (0%)      | 0/0 (0%)     | 0/0 (0%)     | 0/10 (0%)    | 0/10 (0%)     |
| FIRST INCIDENCE                                   | ---        | ---           | ---          | ---          | ---          | ---           |
| <b>STATISTICAL TESTS</b>                          |            |               |              |              |              |               |
| POLY 3  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 1.5  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| POLY 6  | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| COCH-ARM / FISHERS                                | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |
| MAX-ISO-POLY-3                                    | (n)        | (n)           | (n)          | (n)          | (n)          | (n)           |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS**

| DOSE                     | Females    |               |              |              |              |               |
|--------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                          | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Uterus Dilation</b>   |            |               |              |              |              |               |
| <b>LESION RATES</b>      |            |               |              |              |              |               |
| OVERALL (a)              | 1/10 (10%) | 2/2 (100%)    | 1/1 (100%)   | 2/2 (100%)   | 3/3 (100%)   | 1/10 (10%)    |
| POLY-3 RATE (b)          | 1/10.00    | 2/2.00        | 1/1.00       | 2/2.00       | 3/3.00       | 1/10.00       |
| POLY-3 PERCENT (g)       | 10%        | 100%          | 100%         | 100%         | 100%         | 10%           |
| TERMINAL (d)             | 1/10 (10%) | 2/2 (100%)    | 1/1 (100%)   | 2/2 (100%)   | 3/3 (100%)   | 1/10 (10%)    |
| FIRST INCIDENCE          | 29 (T)     | 29 (T)        | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b> |            |               |              |              |              |               |
| POLY 3                   | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| POLY 1.5                 | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| POLY 6                   | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| COCH-ARM / FISHERS       | P=0.219N   | P=0.045*      | P=0.182      | P=0.045*     | P=0.014*     | P=0.763N      |
| MAX-ISO-POLY-3           | P=0.002**  | P=0.002**     | P=0.022*     | P=0.002**    | P<0.001**    | P=1.000       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
TERMINAL SACRIFICE AT 5 WEEKS

| DOSE                              | Females    |               |              |              |              |               |
|-----------------------------------|------------|---------------|--------------|--------------|--------------|---------------|
|                                   | 0mg/kg/d F | 62.6mg/kg/d F | 125mg/kg/d F | 250mg/kg/d F | 500mg/kg/d F | 1000mg/kg/d F |
| <b>Uterus: Bilateral Dilation</b> |            |               |              |              |              |               |
| <b>LESION RATES</b>               |            |               |              |              |              |               |
| OVERALL (a)                       | 1/10 (10%) | 2/2 (100%)    | 1/1 (100%)   | 2/2 (100%)   | 3/3 (100%)   | 1/10 (10%)    |
| POLY-3 RATE (b)                   | 1/10.00    | 2/2.00        | 1/1.00       | 2/2.00       | 3/3.00       | 1/10.00       |
| POLY-3 PERCENT (g)                | 10%        | 100%          | 100%         | 100%         | 100%         | 10%           |
| TERMINAL (d)                      | 1/10 (10%) | 2/2 (100%)    | 1/1 (100%)   | 2/2 (100%)   | 3/3 (100%)   | 1/10 (10%)    |
| FIRST INCIDENCE                   | 29 (T)     | 29 (T)        | 29 (T)       | 29 (T)       | 29 (T)       | 29 (T)        |
| <b>STATISTICAL TESTS</b>          |            |               |              |              |              |               |
| POLY 3                            | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| POLY 1.5                          | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| POLY 6                            | P=0.097N   | P=0.005**     | P=0.146      | P=0.005**    | P<0.001**    | P=0.760       |
| COCH-ARM / FISHERS                | P=0.219N   | P=0.045*      | P=0.182      | P=0.045*     | P=0.014*     | P=0.763N      |
| MAX-ISO-POLY-3                    | P=0.002**  | P=0.002**     | P=0.022*     | P=0.002**    | P<0.001**    | P=1.000       |

Experiment Number: 20613 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 02/06/2018

Time Report Requested: 12:33:08

First Dose M/F: 01/17/12 / 01/18/12

Lab: BAT

**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if all dose groups have fewer than two tumors.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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