Experiment Number: C20613
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

R06: Andrology Summary
Test Compound: Perfluorohexanoic acid
CAS Number: 307-24-4

Date Report Requested: 03/30/2017
Time Report Requested: 13:05:54
Lab: Battelle

C Number: C20613
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
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<tr>
<th>Generation</th>
<th>Litter ID</th>
<th>Terminal Sac</th>
<th>Cohort</th>
<th>Treatment Groups (mg/kg/day)</th>
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**Testis Weight (g)**

- 0 mg/kg: 1.814 ± 0.035
- 250 mg/kg: 1.821 ± 0.028
- 500 mg/kg: 1.851 ± 0.057
- 1000 mg/kg: 1.798 ± 0.043

**Testicular Spermatid Count (10^6)**

- 0 mg/kg: 377.0 ± 7.9
- 250 mg/kg: 356.5 ± 11.0
- 500 mg/kg: 376.0 ± 11.6
- 1000 mg/kg: 352.3 ± 12.4

**Testicular Spermatid Count per mg Testis (10^3/mg)**

- 0 mg/kg: 208.3 ± 4.8
- 250 mg/kg: 195.9 ± 5.4
- 500 mg/kg: 203.9 ± 6.1
- 1000 mg/kg: 196.0 ± 5.0

**Percent Motile Sperm**

- 0 mg/kg: 87.9 ± 0.4
- 250 mg/kg: 87.8 ± 0.3
- 500 mg/kg: 87.2 ± 0.4
- 1000 mg/kg: 87.4 ± 0.4

**Epididymis Weight (g)**

- 0 mg/kg: 0.527 ± 0.010
- 250 mg/kg: 0.523 ± 0.013
- 500 mg/kg: 0.524 ± 0.011
- 1000 mg/kg: 0.496 ± 0.014

**Cauda Epididymis Weight (g)**

- 0 mg/kg: 0.190 ± 0.005
- 250 mg/kg: 0.195 ± 0.005
- 500 mg/kg: 0.186 ± 0.005
- 1000 mg/kg: 0.176 ± 0.005

**Cauda Epididymis Sperm Count (millions)**

- 0 mg/kg: 111.9 ± 8.4 **
- 250 mg/kg: 102.5 ± 5.2
- 500 mg/kg: 105.1 ± 4.3
- 1000 mg/kg: 83.7 ± 4.7 **

**Sperm Count per mg Cauda Epididymis (10^3/mg)**

- 0 mg/kg: 586.4 ± 34.9
- 250 mg/kg: 526.7 ± 25.8
- 500 mg/kg: 566.4 ± 20.2
- 1000 mg/kg: 478.3 ± 28.2
LEGEND

Data are displayed as mean ± SEM
Statistical analysis performed by Jonchkeere (trend) and then a pairwise test. William/Dunnett pairwise tests are used for organ weights, Shirley/Dunn pairwise tests are used for all other endpoints.

* Statistically significant at P <= 0.05
** Statistically significant at P <= 0.01

Statistical significance for the control group indicates a significant trend test
Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

** END OF REPORT **