

Experiment Number: C06100

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Cage Range:

Date Range:

Reasons For Removal:

Removal Date Range:

Treatment Groups:

Study Gender:

R06: Andrology Summary

Test Compound: Perfluorohexane sulfonate potassium salt

CAS Number: 3871-99-6

C06100

All

All

All

All

All

Male

Date Report Requested: 03/30/2017

Time Report Requested: 12:37:03

Lab: Battelle

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Generation	Litter ID	Terminal Sac	Cohort	Treatment Groups (mg/kg/day)			
				0	2.5	5	10
		SD 28 - 28	No. Examined	10	10	10	10
			Testis Weight (g)	1.842 ± 0.051	1.879 ± 0.056	1.846 ± 0.062	1.850 ± 0.019
			Testicular Spermatid Count (10 ⁶)	212.5 ± 7.1	220.0 ± 8.8	215.1 ± 14.0	213.3 ± 7.3
			Testicular Spermatid Count per mg Testis (10 ³ /mg)	115.8 ± 4.2	118.0 ± 5.8	116.7 ± 6.7	115.6 ± 4.6
			Percent Motile Sperm	83.4 ± 2.3	85.9 ± 0.7	85.0 ± 0.8	85.3 ± 0.7
			Epididymis Weight (g)	0.548 ± 0.011	0.532 ± 0.010	0.538 ± 0.017	0.537 ± 0.008
			Cauda Epididymis Weight (g)	0.198 ± 0.008	0.195 ± 0.005	0.195 ± 0.007	0.190 ± 0.004
			Cauda Epididymis Sperm Count (millions)	131.4 ± 13.2	144.0 ± 8.7	125.7 ± 9.7	128.6 ± 9.1
			Sperm Count per mg Cauda Epididymis (10 ³ /mg)	653.0 ± 50.5	734.8 ± 34.9	651.0 ± 53.9	674.9 ± 42.1

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LEGEND

Data are displayed as mean \pm SEM

Statistical analysis performed by Jonckheere (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 $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

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 ****