

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:

PA06: Organ Weights Summary

Test Compound: Perfluorohexane sulfonate potassium salt

CAS Number: 3871-99-6

C06100

All

All

All

All

All

Male

Date Report Requested: 07/06/2017

Time Report Requested: 07:17:51

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		Males																	
		Treatment Groups (mg/kg/day)																	
		0			0.625			1.25			2.5			5			10		
Terminal Body Wt.		335.9	± 6.6	(10)	346.0	± 7.5	(10)	341.9	± 6.5	(10)	342.7	± 5.5	(10)	340.9	± 4.8	(10)	335.4	± 5.9	(10)
R. Adrenal gland																			
	Absolute (g)	0.0212 ± 0.0006 (10) **			0.0211 ± 0.0008 (10)			0.0212 ± 0.0008 (10)			0.0192 ± 0.0006 (10)			0.0185 ± 0.0005 (10) *			0.0196 ± 0.0007 (10) *		
	Relative (mg/g)	0.06 ± 0.00 (10) **			0.06 ± 0.00 (10)			0.06 ± 0.00 (10)			0.06 ± 0.00 (10) *			0.05 ± 0.00 (10) *			0.06 ± 0.00 (10) *		
Heart																			
	Absolute (g)	1.22 ± 0.03 (10)			1.24 ± 0.03 (10)			1.21 ± 0.02 (10)			1.22 ± 0.03 (10)			1.21 ± 0.02 (10)			1.20 ± 0.02 (10)		
	Relative (mg/g)	3.63 ± 0.09 (10)			3.57 ± 0.05 (10)			3.55 ± 0.06 (10)			3.57 ± 0.07 (10)			3.56 ± 0.07 (10)			3.58 ± 0.05 (10)		
R. Kidney																			
	Absolute (g)	1.01 ± 0.03 (10)			0.99 ± 0.03 (10)			1.01 ± 0.02 (10)			1.01 ± 0.02 (10)			1.03 ± 0.03 (10)			1.08 ± 0.03 (10)		
	Relative (mg/g)	3.01 ± 0.07 (10) **			2.85 ± 0.07 (10)			2.97 ± 0.04 (10)			2.94 ± 0.05 (10)			3.02 ± 0.08 (10)			3.23 ± 0.05 (10) *		
Liver																			
	Absolute (g)	11.36 ± 0.32 (10) **			12.10 ± 0.36 (10)			12.58 ± 0.25 (10) *			13.30 ± 0.35 (10) **			15.24 ± 0.56 (10) **			17.43 ± 0.52 (10) **		
	Relative (mg/g)	33.77 ± 0.36 (10) **			34.91 ± 0.43 (10)			36.81 ± 0.39 (10) **			38.79 ± 0.62 (10) **			44.61 ± 1.16 (10) **			51.96 ± 1.24 (10) **		
Lung																			
	Absolute (g)	2.14 ± 0.15 (10)			2.27 ± 0.10 (10)			2.22 ± 0.12 (10)			2.38 ± 0.12 (10)			2.39 ± 0.13 (10)			2.43 ± 0.19 (10)		
	Relative (mg/g)	6.35 ± 0.41 (10)			6.57 ± 0.30 (10)			6.50 ± 0.32 (10)			6.92 ± 0.30 (10)			6.98 ± 0.28 (10)			7.21 ± 0.48 (10)		
Spleen																			
	Absolute (g)	0.646 ± 0.022 (10)			0.694 ± 0.023 (10)			0.676 ± 0.023 (10)			0.656 ± 0.017 (10)			0.660 ± 0.024 (10)			0.613 ± 0.017 (10)		
	Relative (mg/g)	1.93 ± 0.07 (10)			2.01 ± 0.07 (10)			1.97 ± 0.04 (10)			1.92 ± 0.05 (10)			1.94 ± 0.06 (10)			1.83 ± 0.06 (10)		
R. Testis																			
	Absolute (g)	1.799 ± 0.054 (10)			1.932 ± 0.094 (10)			1.802 ± 0.041 (10)			1.804 ± 0.034 (10)			1.793 ± 0.055 (10)			1.804 ± 0.023 (10)		
	Relative (mg/g)	5.35 ± 0.10 (10)			5.57 ± 0.21 (10)			5.28 ± 0.11 (10)			5.27 ± 0.11 (10)			5.26 ± 0.13 (10)			5.39 ± 0.08 (10)		
Thymus																			
	Absolute (g)	0.382 ± 0.017 (10)			0.420 ± 0.034 (10)			0.387 ± 0.029 (10)			0.428 ± 0.018 (10)			0.407 ± 0.029 (10)			0.360 ± 0.012 (10)		
	Relative (mg/g)	1.14 ± 0.06 (10)			1.21 ± 0.08 (10)			1.13 ± 0.08 (10)			1.25 ± 0.05 (10)			1.19 ± 0.08 (10)			1.08 ± 0.04 (10)		
Thyroid gland																			
	Absolute (g)	0.0333 ± 0.0026 (10)			0.0348 ± 0.0026 (10)			0.0322 ± 0.0015 (10)			0.0335 ± 0.0019 (10)			0.0350 ± 0.0016 (10)			0.0336 ± 0.0020 (10)		
	Relative (mg/g)	0.10 ± 0.01 (10)			0.10 ± 0.01 (10)			0.09 ± 0.00 (10)			0.10 ± 0.01 (10)			0.10 ± 0.01 (10)			0.10 ± 0.01 (10)		

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LEGEND

Data are displayed as mean \pm SEM (N)

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests unless otherwise noted.

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****