

Experiment Number: C91070B
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary
Test Compound: Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 07/06/2017
Time Report Requested: 07:03:13
Lab: Battelle

C Number: C91070B
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

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Females

Treatment Groups (mg/kg/day)

	0			6.25			12.5			25			50			100		
Terminal Body Wt.	226.6	± 4.5	(10) *	225.5	± 3.3	(10)	225.5	± 4.4	(10)	219.2	± 2.1	(10)	221.2	± 3.4	(10)	215.3	± 4.4	(9)
R. Adrenal gland																		
Absolute (g)	0.0291 ± 0.0012 (10)			0.0301 ± 0.0009 (10)			0.0284 ± 0.0010 (10)			0.0305 ± 0.0012 (10)			0.0301 ± 0.0012 (10)			0.0294 ± 0.0013 (9)		
Relative (mg/g)	0.13 ± 0.00 (10)			0.13 ± 0.01 (10)			0.13 ± 0.01 (10)			0.14 ± 0.01 (10)			0.14 ± 0.01 (10)			0.14 ± 0.01 (9)		
Heart																		
Absolute (g)	0.85 ± 0.02 (10) **			0.88 ± 0.01 (10)			0.86 ± 0.02 (10)			0.84 ± 0.02 (10)			0.83 ± 0.01 (10)			0.80 ± 0.02 (9)		
Relative (mg/g)	3.73 ± 0.06 (10)			3.92 ± 0.08 (10)			3.81 ± 0.08 (10)			3.82 ± 0.05 (10)			3.74 ± 0.08 (10)			3.72 ± 0.07 (9)		
R. Kidney																		
Absolute (g)	0.71 ± 0.03 (10) **			0.71 ± 0.02 (10)			0.70 ± 0.01 (10)			0.72 ± 0.01 (10)			0.74 ± 0.01 (10)			0.79 ± 0.02 (9) **		
Relative (mg/g)	3.12 ± 0.10 (10) **			3.13 ± 0.06 (10)			3.09 ± 0.05 (10)			3.31 ± 0.07 (10)			3.35 ± 0.05 (10) *			3.66 ± 0.10 (9) **		
Liver																		
Absolute (g)	7.77 ± 0.34 (10) **			8.13 ± 0.19 (10)			8.21 ± 0.20 (10)			8.58 ± 0.14 (10) *			9.79 ± 0.27 (10) **			12.07 ± 0.40 (9) **		
Relative (mg/g)	34.20 ± 0.98 (10) **			36.06 ± 0.65 (10)			36.44 ± 0.58 (10)			39.12 ± 0.54 (10) **			44.22 ± 0.88 (10) **			56.00 ± 1.09 (9) **		
Lung																		
Absolute (g)	1.60 ± 0.09 (10)			1.68 ± 0.09 (10)			1.69 ± 0.06 (10)			1.60 ± 0.04 (10)			1.68 ± 0.10 (10)			1.62 ± 0.08 (9)		
Relative (mg/g)	7.11 ± 0.45 (10)			7.43 ± 0.30 (10)			7.50 ± 0.24 (10)			7.32 ± 0.19 (10)			7.58 ± 0.42 (10)			7.51 ± 0.35 (9)		
Spleen																		
Absolute (g)	0.606 ± 0.034 (10)			0.576 ± 0.013 (10)			0.529 ± 0.026 (10)			0.570 ± 0.027 (10)			0.554 ± 0.021 (10)			0.558 ± 0.027 (9)		
Relative (mg/g)	2.67 ± 0.13 (10)			2.56 ± 0.06 (10)			2.34 ± 0.10 (10)			2.59 ± 0.10 (10)			2.51 ± 0.09 (10)			2.59 ± 0.09 (9)		
Thymus																		
Absolute (g)	0.272 ± 0.015 (10)			0.299 ± 0.015 (10)			0.282 ± 0.016 (10)			0.304 ± 0.015 (10)			0.306 ± 0.021 (10)			0.299 ± 0.019 (9)		
Relative (mg/g)	1.19 ± 0.05 (10) *			1.33 ± 0.07 (10)			1.25 ± 0.06 (10)			1.39 ± 0.07 (10)			1.39 ± 0.10 (10)			1.38 ± 0.07 (9)		
Thyroid gland																		
Absolute (g)	0.0227 ± 0.0014 (10)			0.0240 ± 0.0012 (10)			0.0206 ± 0.0014 (10)			0.0243 ± 0.0016 (10)			0.0226 ± 0.0013 (10)			0.0231 ± 0.0012 (9)		
Relative (mg/g)	0.10 ± 0.01 (10)			0.11 ± 0.01 (10)			0.09 ± 0.01 (10)			0.11 ± 0.01 (10)			0.10 ± 0.01 (10)			0.11 ± 0.01 (9)		
Uterus																		
Absolute (g)	0.655 ± 0.037 (10)			0.691 ± 0.038 (10)			0.755 ± 0.101 (10)			0.688 ± 0.034 (10)			0.701 ± 0.054 (10)			0.622 ± 0.043 (9)		
Relative (mg/g)	2.92 ± 0.20 (10)			3.07 ± 0.19 (10)			3.38 ± 0.47 (10)			3.13 ± 0.14 (10)			3.18 ± 0.26 (10)			2.89 ± 0.19 (9)		

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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 ****