

Study Number: C20022-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA06: Organ Weights Summary
Test Compound: Perfluorohexanesulfonamide
CAS Number: 41997-13-1

Date Report Requested: 11/17/2020
Time Report Requested: 14:32:32
Lab: Battelle

Study Number: C20022-01
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.1.0

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Males: Core Animals

	Treatment Groups (mg/kg)				
	0	0.15	0.5	1.4	4
Terminal Body Wt. (g)	311.0 ± 5.2 (10)	314.0 ± 5.1 (5)	315.5 ± 1.4 (5)	320.1 ± 4.8 (5)	308.2 ± 4.4 (5)
Heart					
Absolute (g)	1.13 ± 0.03 (10)	1.18 ± 0.06 (5)	1.13 ± 0.04 (5)	1.19 ± 0.03 (5)	1.11 ± 0.03 (5)
Relative (mg/g)	3.65 ± 0.07 (10)	3.77 ± 0.18 (5)	3.58 ± 0.13 (5)	3.72 ± 0.05 (5)	3.61 ± 0.12 (5)
R. Kidney					
Absolute (g)	0.95 ± 0.02 (10)	1.02 ± 0.02 (5)	0.98 ± 0.03 (5)	1.07 ± 0.03 (5) **	0.97 ± 0.04 (5)
Relative (mg/g)	3.05 ± 0.05 (10)	3.25 ± 0.05 (5)	3.11 ± 0.09 (5)	3.34 ± 0.11 (5) *	3.16 ± 0.10 (5)
L. Kidney					
Absolute (g)	0.95 ± 0.03 (10)	1.02 ± 0.02 (5)	0.97 ± 0.03 (5)	1.03 ± 0.04 (5)	0.92 ± 0.04 (5)
Relative (mg/g)	3.04 ± 0.07 (10)	3.26 ± 0.04 (5)	3.07 ± 0.07 (5)	3.22 ± 0.10 (5)	3.00 ± 0.09 (5)
Liver					
Absolute (g)	11.48 ± 0.31 (10) **	12.00 ± 0.37 (5)	12.31 ± 0.30 (5)	12.48 ± 0.35 (5)	11.80 ± 0.35 (5)
Relative (mg/g)	36.88 ± 0.52 (10) **	38.21 ± 0.78 (5)	39.03 ± 0.85 (5)	39.01 ± 1.22 (5)	38.26 ± 0.77 (5)

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	Treatment Groups (mg/kg)		
	12	37	111
Terminal Body Wt. (g)	325.9 ± 4.7 (5)	308.6 ± 4.2 (5)	308.6 ± 3.9 (5)
Heart			
Absolute (g)	1.20 ± 0.07 (5)	1.08 ± 0.02 (5)	1.09 ± 0.02 (5)
Relative (mg/g)	3.67 ± 0.17 (5)	3.49 ± 0.08 (5)	3.54 ± 0.07 (5)
R. Kidney			
Absolute (g)	1.01 ± 0.04 (5)	0.94 ± 0.02 (5)	0.98 ± 0.02 (5)
Relative (mg/g)	3.11 ± 0.09 (5)	3.04 ± 0.08 (5)	3.18 ± 0.07 (5)
L. Kidney			
Absolute (g)	1.02 ± 0.02 (5)	0.94 ± 0.04 (5)	1.00 ± 0.05 (5)
Relative (mg/g)	3.12 ± 0.04 (5)	3.05 ± 0.11 (5)	3.25 ± 0.18 (5)
Liver			
Absolute (g)	13.14 ± 0.41 (5) **	12.75 ± 0.30 (5) **	14.31 ± 0.11 (5) **
Relative (mg/g)	40.28 ± 0.78 (5) **	41.33 ± 1.00 (5) **	46.42 ± 0.86 (5) **

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	Treatment Groups (mg/kg)				
	0	0.15	0.5	1.4	4
Terminal Body Wt. (g)	221.0 ± 5.4 (10)	215.4 ± 7.5 (5)	211.0 ± 4.0 (5)	213.0 ± 6.5 (5)	219.0 ± 7.4 (5)
Heart					
Absolute (g)	0.86 ± 0.02 (10)	0.83 ± 0.02 (5)	0.84 ± 0.03 (5)	0.83 ± 0.02 (5)	0.87 ± 0.04 (5)
Relative (mg/g)	3.87 ± 0.07 (10)	3.87 ± 0.09 (5)	3.99 ± 0.08 (5)	3.88 ± 0.07 (5)	3.97 ± 0.09 (5)
R. Kidney					
Absolute (g)	0.70 ± 0.03 (10)	0.68 ± 0.02 (5)	0.64 ± 0.02 (5)	0.67 ± 0.02 (5)	0.66 ± 0.01 (5)
Relative (mg/g)	3.16 ± 0.06 (10)	3.17 ± 0.06 (5)	3.02 ± 0.08 (5)	3.16 ± 0.07 (5)	3.03 ± 0.07 (5)
L. Kidney					
Absolute (g)	0.67 ± 0.02 (10)	0.69 ± 0.02 (5)	0.62 ± 0.02 (5)	0.65 ± 0.03 (5)	0.63 ± 0.01 (5)
Relative (mg/g)	3.04 ± 0.05 (10)	3.20 ± 0.12 (5)	2.92 ± 0.08 (5)	3.04 ± 0.07 (5)	2.89 ± 0.07 (5)
Liver					
Absolute (g)	8.18 ± 0.16 (10)	7.71 ± 0.30 (5)	7.41 ± 0.19 (5)	7.87 ± 0.46 (5)	7.89 ± 0.39 (5)
Relative (mg/g)	37.08 ± 0.64 (10)	35.81 ± 0.52 (5)	35.14 ± 0.80 (5)	36.88 ± 1.15 (5)	36.01 ± 0.96 (5)

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	Treatment Groups (mg/kg)		
	12	37	111
Terminal Body Wt. (g)	216.3 ± 6.2 (5)	208.2 ± 5.5 (5)	213.2 ± 4.0 (5)
Heart			
Absolute (g)	0.81 ± 0.03 (5)	0.81 ± 0.03 (5)	0.78 ± 0.03 (5)
Relative (mg/g)	3.75 ± 0.11 (5)	3.87 ± 0.08 (5)	3.67 ± 0.08 (5)
R. Kidney			
Absolute (g)	0.66 ± 0.02 (5)	0.68 ± 0.03 (5)	0.65 ± 0.01 (5)
Relative (mg/g)	3.05 ± 0.10 (5)	3.24 ± 0.07 (5)	3.06 ± 0.07 (5)
L. Kidney			
Absolute (g)	0.64 ± 0.02 (5)	0.64 ± 0.03 (5)	0.65 ± 0.01 (5)
Relative (mg/g)	2.98 ± 0.09 (5)	3.07 ± 0.10 (5)	3.03 ± 0.07 (5)
Liver			
Absolute (g)	7.67 ± 0.33 (5)	7.93 ± 0.30 (5)	8.48 ± 0.14 (5)
Relative (mg/g)	35.43 ± 0.89 (5)	38.05 ± 0.85 (5)	39.79 ± 0.60 (5)

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

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 Williams or Dunnett (pairwise) tests.

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 ****