

Study Number: C91070C-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: Perfluorooctanoic Acid

CAS Number: 335-67-1

C91070C-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 12:42:46

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	0.156	0.3125	0.625	1.25
Terminal Body Wt. (g)	293.7 ± 8.0 (4) **	299.3 ± 6.0 (4)	294.2 ± 10.9 (4)	296.1 ± 6.1 (4)	298.4 ± 8.7 (4)
R. Kidney					
Absolute (g)	0.92 ± 0.05 (4)	0.95 ± 0.03 (4)	0.96 ± 0.03 (4)	0.95 ± 0.04 (4)	0.94 ± 0.05 (4)
Relative (mg/g)	3.13 ± 0.11 (4) **	3.18 ± 0.05 (4)	3.25 ± 0.05 (4)	3.19 ± 0.08 (4)	3.15 ± 0.09 (4)
L. Kidney					
Absolute (g)	0.92 ± 0.04 (4)	0.93 ± 0.04 (4)	0.93 ± 0.03 (4)	0.91 ± 0.03 (4)	0.91 ± 0.04 (4)
Relative (mg/g)	3.13 ± 0.07 (4) **	3.10 ± 0.07 (4)	3.15 ± 0.04 (4)	3.06 ± 0.03 (4)	3.06 ± 0.08 (4)
Liver					
Absolute (g)	10.70 ± 0.35 (4) **	12.01 ± 0.88 (3)	11.47 ± 0.73 (4)	11.52 ± 0.23 (4)	12.20 ± 0.52 (4)
Relative (mg/g)	36.42 ± 0.42 (4) **	39.71 ± 1.85 (3)	38.89 ± 1.05 (4)	38.95 ± 1.00 (4)	40.85 ± 0.58 (4) **

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Males

Treatment Groups (mg/kg)

	2.5	5	10	20
Terminal Body Wt. (g)	291.4 ± 7.0 (4)	281.9 ± 5.4 (4)	282.2 ± 6.0 (4)	251.4 ± 8.0 (4) **
R. Kidney				
Absolute (g)	0.98 ± 0.02 (4)	0.97 ± 0.02 (4)	0.99 ± 0.02 (4)	0.90 ± 0.02 (4)
Relative (mg/g)	3.35 ± 0.05 (4)	3.44 ± 0.04 (4) *	3.52 ± 0.11 (4) **	3.57 ± 0.09 (4) **
L. Kidney				
Absolute (g)	0.95 ± 0.01 (4)	0.96 ± 0.03 (4)	0.97 ± 0.03 (4)	0.88 ± 0.01 (4)
Relative (mg/g)	3.26 ± 0.08 (4)	3.40 ± 0.06 (4) *	3.45 ± 0.16 (4) *	3.49 ± 0.12 (4) **
Liver				
Absolute (g)	12.46 ± 0.37 (4) *	13.56 ± 0.30 (4) **	16.16 ± 0.47 (4) **	14.16 ± 0.67 (4) **
Relative (mg/g)	42.73 ± 0.54 (4) **	48.10 ± 0.73 (4) **	57.27 ± 1.26 (4) **	56.25 ± 0.84 (4) **

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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 ****