

Study Number: C04049

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA48: Summary of Tissue Concentration

Test Compound: Perfluorononanoic Acid

CAS Number: 375-95-1

C04049

Female

See web page for date of PWG Approval

Date Report Requested: 01/17/2019

Time Report Requested: 14:34:05

Lab: Battelle

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	Female			
Dose (mg/kg/day)	0	1.56	3.12	6.25
(mmol/kg/day)	0	0.0034	0.0067	0.0135
Plasma Concentration (ng/ml)	98 ± 11 (10) **	26400 ± 1085 (10) **	54360 ± 2486 (10) **	112200 ± 9772 (10) **
Plasma Concentration (uM)	0.2 ± 0.0 (10) **	56.9 ± 2.3 (10) **	117.1 ± 5.4 (10) **	241.8 ± 21.1 (10) **
Normalized Plasma Concentration (uM/mmol/kg)		16923.1 ± 695.8 (10)	17423.1 ± 796.9 (10)	17952.0 ± 1563.6 (10)

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Female

Dose (mg/kg/day)	12.5
(mmol/kg/day)	0.0269
Plasma Concentration (ng/ml)	BD
Plasma Concentration (uM)	BD
Normalized Plasma Concentration (uM/mmol/kg)	

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LEGEND

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

SD – Study Day

If over 20% of the animals in a group are above the limit of detection, then 1/2 the limit of detection value is substituted for values that are below the limit of detection.

When the control group did not have over 20% of its values above the limit of detection, no mean or standard error were calculated; no statistical analysis was done for the endpoint.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (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 $P \leq 0.01$

Values adjusted for molar concentration were calculated by dividing the absolute measurement by the molecular weight of 464.08 g/mol

Normalized values were calculated by dividing the absolute measurement by the dose.

BD - Group did not have over 20% of its values above the limit of detection.

**** END OF REPORT ****