C Number:	C91070B
Study Gender:	Male
PWG Approval Date	See web page for date of PWG Approval

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

PA48: Summary of Tissue Concentration
Test Compound: Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 01/17/2019
Time Report Requested: 14:34:02
Lab: Battelle

Male

Dose (mg/kg/day)	**0**	**0.625**	**1.25**	**2.5**
(mmol/kg/day)	0	0.0015	0.003	0.006
Plasma Concentration (ng/ml)	98 ± 6 (10) **	50690 ± 2207 (10) **	73480 ± 3206 (10) **	95430 ± 4036 (10) **
Plasma Concentration (uM)	0.2 ± 0.0 (10) **	122.4 ± 5.3 (10) **	177.5 ± 7.7 (10) **	230.5 ± 9.7 (10) **
Normalized Plasma Concentration (uM/mmol/kg)		81104.0 ± 3531.6 (10)	58784.0 ± 2564.7 (10)	38172.0 ± 1614.4 (10)
Liver Concentration (ng/g)	BD	54610 ± 2233 (10)	85220 ± 3186 (10)	110740 ± 4467 (10)
Liver Concentration (uM)	BD	131.9 ± 5.4 (10)	205.8 ± 7.7 (10)	267.4 ± 10.8 (10)
Normalized Liver Concentration (uM/mmol/kg)		87376.0 ± 3572.0 (10)	68176.0 ± 2548.4 (10)	44296.0 ± 1786.7 (10)
Liver/Plasma Ratio	BD	1.08 ± 0.02 (10)	1.16 ± 0.02 (10)	1.17 ± 0.03 (10)

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

PA48: Summary of Tissue Concentration
Test Compound: Perfluorooctanoic Acid
CAS Number: 335-67-1

Date Report Requested: 01/17/2019
Time Report Requested: 14:34:02
Lab: Battelle

	Male		
Dose (mg/kg/day)	**5**	**10**	
(mmol/kg/day)	0.0121	0.0242	
Plasma Concentration (ng/ml)	110720 ± 3891 (10) **	148570 ± 15405 (10) **	
Plasma Concentration (uM)	267.4 ± 9.4 (10) **	358.8 ± 37.2 (10) **	
Normalized Plasma Concentration (uM/mmol/kg)	22144.0 ± 778.2 (10)	14857.0 ± 1540.5 (10)	
Liver Concentration (ng/g)	109030 ± 3557 (10)	124470 ± 9251 (10)	
Liver Concentration (uM)	263.3 ± 8.6 (10)	300.6 ± 22.3 (10)	
Normalized Liver Concentration (uM/mmol/kg)	21806.0 ± 711.4 (10)	12447.0 ± 925.1 (10)	
Liver/Plasma Ratio	0.99 ± 0.03 (10)	0.87 ± 0.05 (10)	

LEGEND

Data are displayed as mean ± 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 <= 0.05

** Statistically significant at P <= 0.01

Values adjusted for molar concentration were calculated by dividing the absolute measurement by the molecular weight of 414.06 g/mol

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

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

** END OF REPORT **