

Study Number: C20287D-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA06: Organ Weights Summary
Test Compound: Pentabromodiphenyl Ether Mixture (DE-71)
CAS Number: 32534-81-9

Date Report Requested: 11/18/2019
Time Report Requested: 12:33:51
Lab: Battelle

C Number:

C20287D-01

Study Gender:

Male

PWG Approval Date

See web page for date of PWG Approval

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Males: Core Males

Treatment Groups (mg/kg)

	0	0.38	0.75	1.5	3
Terminal Body Wt. (g)	294.3 ± 11.6 (3)	311.8 ± 9.1 (4)	301.2 ± 4.4 (4)	309.5 ± 9.5 (4)	303.5 ± 8.3 (4)
R. Kidney					
Absolute (g)	1.06 ± 0.05 (3)	1.13 ± 0.05 (4)	1.10 ± 0.04 (4)	1.15 ± 0.03 (4)	1.18 ± 0.04 (4)
Relative (mg/g)	3.59 ± 0.07 (3)	3.62 ± 0.10 (4)	3.63 ± 0.08 (4)	3.71 ± 0.09 (4)	3.89 ± 0.07 (4)
L. Kidney					
Absolute (g)	1.02 ± 0.05 (3)	1.14 ± 0.03 (4)	1.09 ± 0.05 (4)	1.15 ± 0.04 (4)	1.13 ± 0.03 (4)
Relative (mg/g)	3.46 ± 0.07 (3)	3.64 ± 0.08 (4)	3.60 ± 0.11 (4)	3.71 ± 0.02 (4)	3.73 ± 0.05 (4)
Liver					
Absolute (g)	11.34 ± 0.77 (3) **	12.50 ± 0.41 (4)	11.87 ± 0.44 (4)	13.05 ± 0.55 (4)	12.97 ± 0.59 (4)
Relative (mg/g)	38.44 ± 1.15 (3) **	40.11 ± 1.07 (4)	39.39 ± 1.19 (4)	42.13 ± 0.71 (4)	42.71 ± 1.16 (4) *

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Treatment Groups (mg/kg)

	15	50	100	200	500
Terminal Body Wt. (g)	308.8 ± 7.4 (4)	309.7 ± 9.2 (4)	298.4 ± 10.8 (4)	294.3 ± 14.9 (4)	284.2 ± 12.8 (4)
R. Kidney					
Absolute (g)	1.21 ± 0.06 (4)	1.13 ± 0.03 (4)	1.13 ± 0.04 (4)	1.13 ± 0.04 (4)	1.05 ± 0.05 (4)
Relative (mg/g)	3.91 ± 0.13 (4)	3.66 ± 0.10 (4)	3.79 ± 0.04 (4)	3.86 ± 0.13 (4)	3.70 ± 0.07 (4)
L. Kidney					
Absolute (g)	1.14 ± 0.07 (4)	1.10 ± 0.05 (4)	1.18 ± 0.04 (4)	1.11 ± 0.05 (4)	1.02 ± 0.05 (4)
Relative (mg/g)	3.68 ± 0.15 (4)	3.55 ± 0.10 (4)	3.96 ± 0.03 (4) **	3.77 ± 0.10 (4)	3.59 ± 0.07 (4)
Liver					
Absolute (g)	14.45 ± 1.05 (4) *	16.21 ± 0.72 (4) **	17.27 ± 0.80 (4) **	19.95 ± 1.21 (4) **	21.70 ± 0.91 (4) **
Relative (mg/g)	46.65 ± 2.36 (4) **	52.29 ± 0.94 (4) **	57.81 ± 0.74 (4) **	67.69 ± 0.95 (4) **	76.41 ± 1.43 (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 ****