

Study Number: C10188D-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: Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

C10188D-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/18/2019

Time Report Requested: 15:31:44

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	8	16	31.25	62.5
Terminal Body Wt. (g)	275.4 ± 10.4 (4)	292.3 ± 8.3 (4)	284.2 ± 6.8 (4)	296.7 ± 9.5 (4)	292.0 ± 8.4 (4)
R. Kidney					
Absolute (g)	0.88 ± 0.03 (4) **	0.90 ± 0.04 (4)	0.89 ± 0.04 (4)	0.95 ± 0.04 (4)	0.92 ± 0.01 (4)
Relative (mg/g)	3.20 ± 0.04 (4) **	3.08 ± 0.05 (4)	3.13 ± 0.07 (4)	3.19 ± 0.06 (4)	3.17 ± 0.08 (4)
L. Kidney					
Absolute (g)	0.88 ± 0.05 (4) **	0.89 ± 0.03 (4)	0.88 ± 0.04 (4)	0.94 ± 0.05 (4)	0.89 ± 0.02 (4)
Relative (mg/g)	3.19 ± 0.05 (4) **	3.03 ± 0.04 (4)	3.10 ± 0.08 (4)	3.15 ± 0.09 (4)	3.04 ± 0.14 (4)
Liver					
Absolute (g)	9.83 ± 1.10 (4) **	10.99 ± 0.53 (4)	10.93 ± 0.41 (4)	10.95 ± 0.63 (4)	11.15 ± 0.41 (4)
Relative (mg/g)	35.42 ± 2.66 (4) **	37.54 ± 0.73 (4)	38.43 ± 0.97 (4)	36.85 ± 1.37 (4)	38.22 ± 1.28 (4)

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Males

Treatment Groups (mg/kg)

	125	250	500	1000
Terminal Body Wt. (g)	284.9 ± 8.6 (4)	294.3 ± 7.3 (4)	294.7 ± 7.9 (4)	294.7 ± 13.0 (4)
R. Kidney				
Absolute (g)	0.92 ± 0.03 (4)	0.94 ± 0.04 (4)	0.96 ± 0.03 (4)	1.04 ± 0.03 (4) **
Relative (mg/g)	3.23 ± 0.06 (4)	3.17 ± 0.05 (4)	3.25 ± 0.04 (4)	3.52 ± 0.11 (4) **
L. Kidney				
Absolute (g)	0.90 ± 0.04 (4)	0.93 ± 0.04 (4)	0.98 ± 0.04 (4)	1.05 ± 0.02 (4) **
Relative (mg/g)	3.15 ± 0.05 (4)	3.16 ± 0.08 (4)	3.32 ± 0.08 (4)	3.59 ± 0.11 (4) **
Liver				
Absolute (g)	11.94 ± 0.61 (4) *	12.34 ± 0.38 (4) *	14.13 ± 0.29 (4) **	15.77 ± 0.88 (4) **
Relative (mg/g)	41.83 ± 0.88 (4) **	41.96 ± 1.07 (4) **	47.99 ± 1.07 (4) **	53.47 ± 1.34 (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 ****