

PA06-BMD: Organ Weights Summary

DTTID: 108-020-007-000-8
Study Number: 108020007
Study Type: 5-Day Toxicity
Species/Strain: Mouse/B6D2F1/Crl

Test Compound: 1,2-Dichlorobenzene
CAS Number: 95-50-1
DTXSID: DTXSID6020430

Date: 20 Jun 2025
Time: 12:08:18 PM

Female Organ Weight Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)							BMD _{1Std}	BMDL _{1Std}
	0	1	10	30	100	250			
Kidney-Right Relative (mg/g)	6.49 ± 0.13[9]*	6.36 ± 0.13[5]	6.21 ± 0.25[5]	6.62 ± 0.20[5]	6.38 ± 0.09[5]	7.17 ± 0.17[7]*	161.5	82.3	
Liver Weight Absolute (g)	0.94 ± 0.05[10]**	0.96 ± 0.03[5]	0.90 ± 0.03[5]	0.92 ± 0.04[5]	1.16 ± 0.05[5]**	1.41 ± 0.04[7]**	57.4	36.4	
Liver Weight Relative (mg/g)	46.05 ± 1.74[10]**	46.51 ± 1.52[5]	42.45 ± 1.25[5]	44.73 ± 0.75[5]	55.36 ± 1.40[5]**	76.01 ± 2.05[7]**	60.5	37.7	
Terminal Body Weight (g)	20.3 ± 0.4[10]	20.8 ± 0.5[5]	21.3 ± 0.7[5]	20.5 ± 0.5[5]	21.0 ± 0.7[5]	18.5 ± 0.4[7]*	ND	ND	

Data are displayed as mean ± 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 $p \leq 0.01$

Females from the control and treatment groups were removed on Study Day 5.

The following value was excluded as outlier: relative right kidney weights from a single female in the control group.

BMD_{1Std} and BMDL_{1Std}: Benchmark response (BMR) set at 1 standard deviation from the mean.

ND = not determined

**** END OF REPORT ****