

PA06-BMD: Organ Weights Summary

DTTID: 108-020-005-000-6
Study Number: 108020005
Study Type: 5-Day Toxicity
Species/Strain: Mouse/B6D2F1/Crl

Test Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7
DTXSID: DTXSID1020431

Date: 19 Jun 2025
Time: 4:33:02 PM

Female Organ Weight Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)						BMD _{1Std}	BMDL _{1Std}
	0	1	10	50	150	400		
Liver Weight Absolute (g)	0.87 ± 0.02[10]**	0.92 ± 0.03[5]	0.88 ± 0.04[5]	0.92 ± 0.04[5]	1.08 ± 0.03[5]**	1.65 ± 0.04[5]**	83.7	59.2
Liver Weight Relative (mg/g)	47.44 ± 0.80[10]**	49.78 ± 1.57[5]	47.02 ± 1.17[5]	49.55 ± 2.32[5]	56.92 ± 0.88[5]**	85.72 ± 1.11[5]**	70.2	47.4
Terminal Body Weight (g)	18.4 ± 0.4[10]	18.4 ± 0.3[5]	18.7 ± 0.5[5]	18.5 ± 0.3[5]	19.0 ± 0.3[5]	19.3 ± 0.6[5]	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.

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

ND = not determined

** END OF REPORT **