

PA41-BMD: Clinical Chemistry 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: 11:16:00 AM

Female Clinical Chemistry Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)							
	0	1	10	50	150	400	BMD _{1Std}	BMDL _{1Std}
A/G Ratio	2.94 ± 0.11[3]**	2.86[1]	2.78 ± 0.03[2]	NA	2.59[1]	2.26 ± 0.02[2]*	15.1	2.2
Cholesterol (mg/dL)	124.3 ± 3.6[8]**	113.7 ± 5.2[3]	117.7 ± 2.7[3]	126.5 ± 9.0[4]	159.3 ± 4.4[4]*	269.3 ± 15.1[3]*	71.0	43.1

Values given as mean ± SEM [N].

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Data with sample size of 1 were included in trend test, but excluded from the multiple comparisons 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 $p \leq 0.01$

Clinical chemistry data not reported were removed as an outlier, or due to pre-analytical or analytical conditions or errors including but not limited to: below linearity, short sample, quantity not sufficient, or extreme hemolysis.

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

NA = not available

** END OF REPORT **