

PA43-BMD: Hematology Data Summary

DTTID: 108-020-004-000-5
Study Number: 108020004
Study Type: 5-Day Toxicity
Species/Strain: Rat/Harlan Sprague Dawley

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

Date: 24 Nov 2025
Time: 11:51:14 AM

Female Hematology Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)							BMD _{1Std}	BMDL _{1Std}
	0	1	10	50	150	400	800		
Reticulocytes (10 ⁶ /uL)	0.2350 ± 0.0071[10]**	0.2148 ± 0.0098[5]	0.2385 ± 0.0093[5]	0.2546 ± 0.0081[5]	0.2214 ± 0.0166[5]	0.2436 ± 0.0112[5]	0.3177 ± 0.0137[5]**	437.0	307.0

Values are displayed as mean ± SEM [N].
Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (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 <= 0.05
** Statistically significant at p <= 0.01
BMD_{1Std} and BMDL_{1Std}: Benchmark response (BMR) set at 1 standard deviation from the mean.

**** END OF REPORT ****