I04-BMD: Mean Body Weight 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: 18 Jun 2025
Time: 12:25:20 PM

Female Body Weight Data

	Treatment Groups (ppm) & BMD Values (ppm)								
	0	1	10	50	150	400	800	BMD_{1Std}	$BMDL_{1Std}$
SD0 (g)	190.0 ± 3.8[10]	186.5 ± 4.0[5]	188.0 ± 4.9[5]	193.5 ± 4.7[5]	193.5 ± 4.6[5]	190.1 ± 2.8[5]	186.9 ± 1.9[5]	ND	ND
SD5 (g)	197.3 ± 4.0[10]	188.6 ± 5.2[5]	193.5 ± 5.4[5]	196.6 ± 3.0[5]	192.5 ± 5.8[5]	189.5 ± 2.7[5]	193.0 ± 2.6[5]	ND	ND
Body Weight Gain (g)	7.3 ± 0.9[10]	2.1 ± 1.9[5]	5.5 ± 0.7[5]	3.1 ± 2.0[5]	-1.0 ± 4.1[5]**	-0.6 ± 1.5[5]*	6.1 ± 1.5[5]	ND	ND

Data are displayed as mean ± SEM [N] unless otherwise noted.
SD = Study Day
Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.
Statistical significance for the control group indicates a significant trend test.
Statistical significant 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.
ND = not determined

** END OF REPORT **