I04-BMD: Mean Body Weight Summary

DTTID: 108-020-006-000-7
Study Number: 108020006
Study Type: 5-Day Toxicity
Species/Strain: Rat/Harlan Sprague Dawley

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

Date: 19 Jun 2025
Time: 12:38:02 PM

Female Body Weight Data and BMD Values

	Treatment Groups (ppm) & BMD Values (ppm)								
	0	1	10	30	100	250	500	BMD_{1Std}	$BMDL_{1Std}$
SD0 (g)	200.1 ± 3.6[10]	203.2 ± 3.2[5]	211.4 ± 2.9[5]	206.5 ± 4.2[5]	196.2 ± 2.2[5]	198.9 ± 4.2[5]	207.9 ± 4.7[5]	ND	ND
SD4 (g)	205.4 ± 3.7[10]*	204.6 ± 4.3[5]	207.6 ± 3.1[5]	207.8 ± 4.8[5]	197.9 ± 2.1[5]	199.7 ± 4.9[5]	187.0 ± 6.0[5]*	298.0	137.9
SD5 (g)	204.2 ± 3.3[10]**	206.9 ± 4.0[5]	207.5 ± 3.3[5]	207.8 ± 4.8[5]	196.6 ± 3.4[5]	200.2 ± 4.5[5]	179.9 ± 3.6[5]**	227.1	116.5
Body Weight Gain (g)	4.1 ± 0.9[10]**	3.7 ± 0.9[5]	-3.9 ± 2.3[5]	1.3 ± 2.0[5]	0.4 ± 2.7[5]	1.3 ± 1.1[5]	-28.0 ± 1.7[5]**	273.4	215.6

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 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.
ND = not determined

** END OF REPORT **