

**Table 1** Body weight and body weight gain in female B6C3F1/N mice exposed to gum guggul extract via oral gavage daily for 28 days

Parameter	Vehicle	Gum Guggul Extract (mg/kg/day)					Trend Analysis p-value
		31.25	62.5	125	250	500	
<u>Body weight (g)</u>							
Day 1	22.21 ± 0.31	22.08 ± 0.45	21.99 ± 0.39	22.47 ± 0.40	22.53 ± 0.37	22.23 ± 0.33	0.511
Day 8	22.10 ± 0.28	21.97 ± 0.46	22.00 ± 0.38	22.45 ± 0.35	22.50 ± 0.39	22.23 ± 0.35	0.319
Day 15	22.57 ± 0.24	22.58 ± 0.42	22.75 ± 0.34	23.08 ± 0.31	23.14 ± 0.37	22.80 ± 0.30	0.351
Day 22	23.18 ± 0.30	23.39 ± 0.50	23.33 ± 0.43	23.78 ± 0.34	23.80 ± 0.38	23.33 ± 0.37	0.703
Day 29	23.68 ± 0.34	23.90 ± 0.46	23.79 ± 0.41	24.38 ± 0.31	24.40 ± 0.42	23.79 ± 0.39	0.738
<u>Body weight gain (g)</u>							
Day 8 - Day 1	-0.11 ± 0.12	-0.11 ± 0.14	0.01 ± 0.15	-0.02 ± 0.09	-0.03 ± 0.16	0.00 ± 0.11	0.504
Day 15 - Day 1	0.36 ± 0.19	0.50 ± 0.17	0.75 ± 0.13	0.61 ± 0.12	0.61 ± 0.15	0.57 ± 0.13	0.586
Day 22 - Day 1	0.97 ± 0.21	1.31 ± 0.20	1.34 ± 0.21	1.31 ± 0.16	1.26 ± 0.12	1.11 ± 0.23	0.725
Day 29 - Day 1	1.46 ± 0.21	1.82 ± 0.20	1.79 ± 0.20	1.91 ± 0.14	1.87 ± 0.14	1.57 ± 0.19	0.699

Values represent the mean ± SE of all cohorts combined. Each cohort represented 8 animals per dose group. N = 10 cohorts for all dose groups. Trend analysis and pairwise comparisons to control were done using a mixed model, where study number was treated as a random factor. GGE, Gugulipid® Lot # G51177/H, ~2.45% total guggulsterone content.