

Table 5: HMB Chronic Perinatal Female Harlan Sprague Dawley Rats: Gestational Body and Body Weight Gains

Parameter	Control	1000 ppm	3000 ppm	10000 ppm	Trend ^a
Gestational Body Weight^b					
GD 6	231.4 ± 1.90 [40]	231.1 ± 2.53 [34]	232.1 ± 1.50 [32]	231.7 ± 2.32 [36]	0.893+
GD 9	246.3 ± 2.36 [40]	248.6 ± 1.92 [34]	246.0 ± 1.41 [32]	239.7 ± 1.79 [36]*	0.001-
GD 12	262.5 ± 1.60 [40]	263.2 ± 1.92 [34]	260.3 ± 1.56 [32]	258.8 ± 1.82 [36]	0.042-
GD 15	281.3 ± 1.67 [40]	282.1 ± 2.06 [34]	278.2 ± 1.84 [32]	276.4 ± 2.17 [36]	0.016-
GD 18	321.9 ± 1.76 [40]	322.1 ± 2.56 [34]	316.0 ± 2.82 [32]	314.0 ± 2.81 [36]*	0.010-
GD21	366.0 ± 2.36 [40]	364.7 ± 3.46 [34]	353.7 ± 4.85 [32]*	353.8 ± 3.82 [36]*	0.007-
Gestational Body Weight Change^b					
GD 6-9	14.90 ± 1.67 [40]	17.47 ± 1.27 [34]	13.88 ± 0.70 [32]	7.99 ± 1.34 [36]**	<0.001-
GD 9-12	16.26 ± 1.56 [40]	14.60 ± 0.59 [34]	14.34 ± 0.54 [32]	19.04 ± 0.75 [36]	<0.001+
GD 12-15	18.75 ± 0.69 [40]	18.95 ± 0.45 [34]	17.89 ± 0.79 [32]	17.59 ± 0.76 [36]	0.138-
GD 15-18	40.60 ± 1.03 [40]	40.00 ± 1.03 [34]	37.83 ± 1.45 [32]	37.59 ± 1.01 [36]	0.019-
GD 18-21	44.13 ± 1.05 [40]	42.57 ± 1.40 [34]	37.64 ± 2.60 [32]*	39.87 ± 1.42 [36]	0.013-
GD 6-21	134.6 ± 2.36 [40]	133.6 ± 2.92 [34]	121.6 ± 4.40 [32]**	122.1 ± 3.22 [36]**	<0.001-

a: P-value and direction of trend

b: Each dose was compared to the control with Williams' test when a trend was present [P<.01 from Jonckheere's trend test] or with Dunnett's test when no trend was present [* = P<0.05, ** = P<0.01]