

Table 2: HMB Chronic Perinatal Litter Data Analysis in Female Harlan Sprague Dawley Rats: Live Litter Size

Parameter	Control	1000 ppm	3000 ppm	10000 ppm	Trend ^a
Live per Litter^{b,c}					
PND4 Precull-Male	6.45 ± 0.35 [40]	6.24 ± 0.36 [34]	5.28 ± 0.40 [32]	6.39 ± 0.39 [36]	0.667-
PND4 Precull-Female	5.98 ± 0.33 [40]	6.18 ± 0.35 [34]	6.09 ± 0.46 [32]	5.86 ± 0.34 [36]	0.965+
PND4 Precull-Total	12.43 ± 0.36 [40]	12.41 ± 0.41 [34]	11.38 ± 0.65 [32]	12.25 ± 0.43 [36]	0.543-
PND4 Postcull-Male	4.00 ± 0.00 [35]	4.00 ± 0.05 [30]	3.89 ± 0.08 [27]	4.12 ± 0.08 [33]	0.314+
PND4 Postcull-Female	4.00 ± 0.00 [35]	4.00 ± 0.05 [30]	4.11 ± 0.08 [27]	3.88 ± 0.08 [33]	0.314-
PND4 Postcull-Total	8.00 ± 0.00 [35]	8.00 ± 0.00 [30]	8.00 ± 0.00 [27]	8.00 ± 0.00 [33]	1.000
PND7	8.00 ± 0.00 [35]	8.00 ± 0.00 [30]	8.00 ± 0.00 [27]	7.82 ± 0.13 [33]*	0.021-
PND10	8.00 ± 0.00 [35]	8.00 ± 0.00 [30]	8.00 ± 0.00 [27]	7.82 ± 0.13 [33]*	0.021-
PND14	7.94 ± 0.04 [35]	7.97 ± 0.03 [30]	7.96 ± 0.04 [27]	7.82 ± 0.13 [33]	0.553-
PND17	7.94 ± 0.04 [35]	7.97 ± 0.03 [30]	7.96 ± 0.04 [27]	7.82 ± 0.13 [33]	0.553-
PND21	7.91 ± 0.05 [35]	7.97 ± 0.03 [30]	7.93 ± 0.07 [27]	7.82 ± 0.13 [33]	0.917-
%Male per Litter	51.42 ± 2.29 [40]	50.09 ± 2.35 [34]	45.07 ± 2.92 [32]	51.78 ± 2.57 [36]	0.732-
%Male in Dose^{d,e}	52 [497]	50 [422]	46 [364]	52 [441]	.

a: P-value and direction of trend

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

c: Mean ± standard error [number of dams]

d: 100 x [Number of live males in dose group]/[number of live males and females in dose group]

e: No statistics done on this endpoint