

Table 1: HMB Chronic Perinatal Litter Data Analysis in Female Harlan Sprague Dawley Rats: PND1 Data

Parameter	Control	1000 ppm	3000 ppm	10000 ppm	Trend ^a
Litter Size^{b,d}					
Total	12.55 ± 0.35 [40]	12.65 ± 0.41 [34]	11.63 ± 0.65 [32]	12.53 ± 0.41 [36]	0.716-
Live Male	6.45 ± 0.35 [40]	6.29 ± 0.36 [34]	5.41 ± 0.40 [32]	6.39 ± 0.38 [36]	0.719-
Live Female	6.00 ± 0.32 [40]	6.21 ± 0.36 [34]	6.03 ± 0.45 [32]	5.94 ± 0.36 [36]	0.982+
Live Total	12.45 ± 0.36 [40]	12.50 ± 0.41 [34]	11.44 ± 0.66 [32]	12.33 ± 0.43 [36]	0.610-
% Male per Litter	51.23 ± 2.29 [40]	50.20 ± 2.34 [34]	45.84 ± 2.89 [32]	51.66 ± 2.54 [36]	0.952-
% Male in Dose^{e,f}	52 [498]	50 [425]	47 [366]	52 [444]	.
Pup Body Weights^{c,d,g}					
Male	7.32 ± 0.07 [40]	7.38 ± 0.07 [34]	7.22 ± 0.09 [31]	7.11 ± 0.08 [35]	0.054-
Female	6.95 ± 0.07 [40]	7.00 ± 0.08 [34]	6.86 ± 0.09 [32]	6.80 ± 0.07 [36]	0.110-
Male+Female	7.13 ± 0.07 [40]	7.20 ± 0.07 [34]	7.01 ± 0.08 [32]	6.95 ± 0.07 [36]	0.044-
Adjusted Pup Body Weights^{c,d,h}					
Male	7.33 ± 0.07 [40]	7.39 ± 0.07 [34]	7.19 ± 0.08 [31]	7.11 ± 0.08 [35]	0.017-
Female	6.96 ± 0.07 [40]	7.02 ± 0.08 [34]	6.82 ± 0.09 [32]	6.81 ± 0.07 [36]	0.030-
Male+Female	7.14 ± 0.06 [40]	7.21 ± 0.07 [34]	6.98 ± 0.08 [32]	6.96 ± 0.07 [36]	0.012-

a: P-value and direction of trend

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

c: 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]

d: Mean ± standard error [number of dams]

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

Only litters with at least one live pup included.

f: No statistics done on this endpoint

g: Total pup weight at PND1 divided by number of live pups at PND1

h: Total pup weight at PND1 divided by number of live pups at PND1 then adjusted for total number of live pups at PND1