

**Table 4: HMB Chronic Perinatal: Summary Pup Body Weights**

Parameter	Control	1000 ppm	3000 ppm	10000 ppm	Trend <sup>a</sup>
<b>Random Effects Male Live Pup Weight<sup>b,c</sup></b>					
PND 4 <sup>d,e</sup>	10.65 ± 0.12 [258/40]	10.95 ± 0.12 [212/34]	10.54 ± 0.13 [169/31]	10.02 ± 0.18 [231/35]**	<0.001-
PND 7 <sup>f</sup>	16.66 ± 0.26 [140/35]	16.44 ± 0.26 [120/30]	16.29 ± 0.35 [105/27]	15.72 ± 0.28 [135/33]*	0.013-
PND 14 <sup>f</sup>	33.72 ± 0.47 [139/35]	33.79 ± 0.38 [120/30]	32.83 ± 0.52 [104/27]	30.99 ± 0.40 [135/33]**	<0.001-
PND 21 <sup>f</sup>	53.36 ± 0.84 [136/34]	52.85 ± 0.75 [120/30]	52.61 ± 0.77 [104/27]	48.47 ± 0.74 [135/33]**	<0.001-
<b>Random Effects Female Live Pup Weight<sup>b,c</sup></b>					
PND 4 <sup>d,e</sup>	10.08 ± 0.12 [239/40]	10.42 ± 0.12 [210/34]	9.94 ± 0.17 [195/32]	9.51 ± 0.17 [210/36]*	<0.001-
PND 7 <sup>f</sup>	15.56 ± 0.28 [140/35]	15.58 ± 0.26 [119/30]	15.46 ± 0.35 [111/27]	14.73 ± 0.24 [123/33]	0.012-
PND 14 <sup>f</sup>	32.27 ± 0.41 [138/35]	32.06 ± 0.38 [119/30]	31.37 ± 0.51 [111/27]	29.78 ± 0.33 [123/33]**	<0.001-
PND 21 <sup>f</sup>	49.49 ± 0.72 [138/35]	49.24 ± 0.79 [119/30]	49.17 ± 0.79 [110/27]	45.70 ± 0.55 [123/33]**	<0.001-
<b>Random Effects Combined Live Pup Weight<sup>b,c</sup></b>					
PND 4 <sup>d,e</sup>	10.36 ± 0.12 [497/40]	10.70 ± 0.10 [422/34]	10.16 ± 0.16 [364/32]	9.79 ± 0.17 [441/36]**	<0.001-
PND 7 <sup>f</sup>	16.11 ± 0.26 [280/35]	16.02 ± 0.25 [239/30]	15.88 ± 0.33 [216/27]	15.23 ± 0.26 [258/33]	0.009-
PND 14 <sup>f</sup>	32.99 ± 0.42 [277/35]	32.94 ± 0.34 [239/30]	32.10 ± 0.49 [215/27]	30.40 ± 0.35 [258/33]**	<0.001-
PND 21 <sup>f</sup>	51.39 ± 0.73 [274/35]	51.07 ± 0.71 [239/30]	50.90 ± 0.70 [214/27]	47.21 ± 0.62 [258/33]**	<0.001-

a: Random litter effects models used for trend [p-value and direction listed] and for pairwise comparisons to the control group using Dunnett-Hsu's test  
[\* = P<0.05, \*\* = P<0.01]

b: Mean of Dam Mean ± standard error [number of pups/number of dams]

c: PND=Postnatal Day

d: PND4 Precull

e: Individual pup weights first adjusted for live litter size on PND 1

f: Individual pup weights first adjusted for live litter size on PND 4 PostCull