

## *TCPP Chronic Perinatal Study-Rats*

**Table 5: Adjusted Pup Body Weights (grams)**

Parameter	Control	2500 ppm	5000 ppm	10000 ppm	20000 ppm	Trend <sup>a</sup>
<b>Male Pup Weight<sup>b,c,d,e,g</sup></b>						
PND 4 Precull <sup>f</sup>	10.64 ± 0.14 [204/30]	10.73 ± 0.14 [192/30]	10.83 ± 0.16 [194/33]	10.31 ± 0.16 [204/32]	9.85 ± 0.16 [210/33]**	<0.001-
PND 4 Postcull	10.58 ± 0.16 [122/30]	10.95 ± 0.16 [120/30]	10.69 ± 0.18 [120/30]	10.42 ± 0.18 [111/27]	9.79 ± 0.21 [120/30]**	<0.001-
PND 7	16.30 ± 0.28 [122/30]	16.55 ± 0.29 [120/30]	16.25 ± 0.29 [120/30]	15.89 ± 0.29 [110/27]	14.42 ± 0.43 [120/30]**	<0.001-
PND 10	23.47 ± 0.33 [122/30]	23.68 ± 0.33 [120/30]	23.35 ± 0.33 [120/30]	22.53 ± 0.36 [110/27]	19.71 ± 0.54 [120/30]**	<0.001-
PND 14	33.80 ± 0.36 [122/30]	33.64 ± 0.39 [120/30]	32.88 ± 0.36 [120/30]	31.77 ± 0.48 [110/27]**	27.10 ± 0.60 [118/30]**	<0.001-
PND 17	40.89 ± 0.39 [122/30]	40.80 ± 0.42 [120/30]	39.70 ± 0.40 [120/30]	37.76 ± 0.50 [110/27]**	32.01 ± 0.61 [117/30]**	<0.001-
PND 21	56.10 ± 0.70 [122/30]	52.02 ± 0.67 [120/30]**	49.60 ± 0.66 [120/30]**	46.50 ± 0.70 [110/27]**	38.67 ± 0.63 [118/30]**	<0.001-
PND 24	71.15 ± 0.80 [122/30]	68.03 ± 0.79 [120/30]*	64.80 ± 0.83 [120/30]**	60.26 ± 0.97 [110/27]**	49.33 ± 1.08 [118/30]**	<0.001-
PND 28	94.49 ± 0.97 [122/30]	91.03 ± 1.01 [120/30]	87.76 ± 1.03 [120/30]**	83.10 ± 1.12 [110/27]**	69.53 ± 1.43 [118/30]**	<0.001-
<b>Female Pup Weight<sup>b,c,d,e,g</sup></b>						
PND 4 Precull <sup>f</sup>	9.89 ± 0.15 [182/30]	10.12 ± 0.15 [180/30]	10.18 ± 0.17 [211/32]	10.02 ± 0.12 [155/31]	9.32 ± 0.17 [206/33]*	<0.001-
PND 4 Postcull	9.92 ± 0.17 [118/30]	10.32 ± 0.17 [120/30]	10.12 ± 0.19 [120/30]	10.03 ± 0.15 [104/27]	9.23 ± 0.20 [120/30]*	<0.001-
PND 7	15.33 ± 0.30 [118/30]	15.73 ± 0.26 [120/30]	15.46 ± 0.29 [120/30]	15.24 ± 0.23 [105/27]	13.68 ± 0.35 [117/30]**	<0.001-
PND 10	22.20 ± 0.39 [118/30]	22.68 ± 0.27 [120/30]	22.42 ± 0.32 [120/30]	21.56 ± 0.29 [105/27]	18.82 ± 0.45 [118/30]**	<0.001-
PND 14	32.26 ± 0.40 [117/30]	32.24 ± 0.32 [120/30]	31.74 ± 0.37 [120/30]	30.50 ± 0.40 [105/27]**	25.75 ± 0.52 [116/30]**	<0.001-
PND 17	38.80 ± 0.41 [117/30]	38.81 ± 0.34 [120/30]	38.14 ± 0.42 [120/30]	36.22 ± 0.42 [105/27]**	30.38 ± 0.49 [117/30]**	<0.001-

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<b>PND 21</b>	51.89 ± 0.66 [117/30]	48.75 ± 0.60 [120/30]**	47.07 ± 0.62 [120/30]**	44.31 ± 0.56 [105/27]**	36.32 ± 0.52 [117/30]**	<0.001-
<b>PND 24</b>	65.08 ± 0.79 [117/30]	62.82 ± 0.72 [120/30]	60.21 ± 0.91 [120/30]**	56.87 ± 0.82 [105/27]**	45.50 ± 0.86 [117/30]**	<0.001-
<b>PND 28</b>	84.50 ± 0.92 [117/30]	81.69 ± 0.85 [120/30]	79.37 ± 0.97 [120/30]**	75.98 ± 0.82 [105/27]**	62.59 ± 1.17 [117/30]**	<0.001-
<b>Male+Female</b>						
<b>Pup Weight<sup>b,c,d,e,g</sup></b>						
<b>PND 4 Precull<sup>f</sup></b>	10.30 ± 0.14 [386/30]	10.44 ± 0.14 [372/30]	10.52 ± 0.16 [405/33]	10.16 ± 0.14 [359/32]	9.60 ± 0.16 [416/33]**	<0.001-
<b>PND 4 Postcull</b>	10.26 ± 0.16 [240/30]	10.64 ± 0.16 [240/30]	10.41 ± 0.18 [240/30]	10.23 ± 0.16 [215/27]	9.52 ± 0.20 [240/30]*	<0.001-
<b>PND 7</b>	15.82 ± 0.28 [240/30]	16.14 ± 0.26 [240/30]	15.86 ± 0.28 [240/30]	15.57 ± 0.25 [215/27]	14.07 ± 0.38 [237/30]**	<0.001-
<b>PND 10</b>	22.84 ± 0.35 [240/30]	23.18 ± 0.28 [240/30]	22.88 ± 0.31 [240/30]	22.05 ± 0.31 [215/27]	19.29 ± 0.48 [238/30]**	<0.001-
<b>PND 14</b>	33.05 ± 0.35 [239/30]	32.94 ± 0.33 [240/30]	32.31 ± 0.35 [240/30]	31.14 ± 0.43 [215/27]**	26.46 ± 0.55 [234/30]**	<0.001-
<b>PND 17</b>	39.87 ± 0.38 [239/30]	39.80 ± 0.35 [240/30]	38.92 ± 0.39 [240/30]	37.00 ± 0.44 [215/27]**	31.22 ± 0.54 [234/30]**	<0.001-
<b>PND 21</b>	54.04 ± 0.64 [239/30]	50.38 ± 0.62 [240/30]**	48.33 ± 0.61 [240/30]**	45.43 ± 0.61 [215/27]**	37.54 ± 0.56 [235/30]**	<0.001-
<b>PND 24</b>	68.18 ± 0.75 [239/30]	65.42 ± 0.72 [240/30]	62.51 ± 0.82 [240/30]**	58.62 ± 0.84 [215/27]**	47.46 ± 0.94 [235/30]**	<0.001-
<b>PND 28</b>	89.60 ± 0.89 [239/30]	86.36 ± 0.89 [240/30]	83.57 ± 0.94 [240/30]**	79.61 ± 0.93 [215/27]**	66.11 ± 1.27 [235/30]**	<0.001-

a: P-value and direction of trend

b: Statistical analysis was performed using linear mixed models with litter as random effect and with Dunnett-Hsu adjustment for multiple comparisons [\* = P<0.05, \*\* = P<0.01]

c: Mean of litter means ± standard error [Number of pups/Number of litters]

d: PND = Postnatal Day

e: For all postcull endpoints, individual pup weights first adjusted for live litter size on postcull PND 4.

f: For PND 4 precull endpoint, individual pup weights first adjusted for live litter size on PND 1. Litters with differing pup counts between PND 1 and PND 4 not included in the PND 4 precull weights.

g: The following were removed as outliers: Female pup 407-6 (10000 ppm) on PND 4, female pup 523-8 (20000 ppm) on PND 14, and male pup 536-2 (20000 ppm) on PND 17