

## TCPP Subchronic Perinatal Study-Rats

### Table 2: PND 4-21 Live Litter Size and Survival

Parameter	Control	2500 ppm	5000 ppm	10000 ppm	20000 ppm	Trend <sup>a</sup>
<b>Live per Litter<sup>b,c</sup></b>						
PND 4 Precull Male <sup>i</sup>	6.44 ± 0.63 [9]	6.30 ± 0.68 [10]	5.67 ± 0.67 [3]	7.00 ± 0.63 [8]	7.20 ± 0.80 [5]	0.289+
PND 4 Precull Female <sup>i</sup>	5.67 ± 0.55 [9]	6.10 ± 0.46 [10]	6.67 ± 0.67 [3]	5.50 ± 0.71 [8]	5.60 ± 1.33 [5]	0.988+
PND 4 Precull Male+Female	11.08 ± 1.05 [13]	12.46 ± 0.49 [13]	12.80 ± 0.92 [5]	11.82 ± 0.70 [11]	13.00 ± 0.63 [6]	0.457+
PND 4 Postcull Male	4.00 ± 0.00 [6]	4.00 ± 0.00 [7]	4.20 ± 0.20 [5]	4.00 ± 0.00 [5]	4.50 ± 0.34 [6]	0.074+
PND 4 Postcull Female	4.00 ± 0.00 [6]	4.00 ± 0.00 [7]	3.80 ± 0.20 [5]	4.00 ± 0.00 [5]	3.50 ± 0.34 [6]	0.074-
PND 4 Postcull Male+Female	8.00 ± 0.00 [6]	8.00 ± 0.00 [7]	8.00 ± 0.00 [5]	8.00 ± 0.00 [5]	8.00 ± 0.00 [6]	1.000
PND 7 Male+Female	8.00 ± 0.00 [6]	7.71 ± 0.18 [7]	8.00 ± 0.00 [5]	8.00 ± 0.00 [5]	8.00 ± 0.00 [6]	0.380+
PND 10 Male+Female	8.00 ± 0.00 [6]	7.71 ± 0.18 [7]	8.00 ± 0.00 [5]	7.80 ± 0.20 [5]	8.00 ± 0.00 [6]	0.770+
PND 14 Male+Female	8.00 ± 0.00 [6]	7.71 ± 0.18 [7]	7.80 ± 0.20 [5]	7.80 ± 0.20 [5]	8.00 ± 0.00 [6]	0.846+
PND 17 Male+Female	8.00 ± 0.00 [6]	7.71 ± 0.18 [7]	7.80 ± 0.20 [5]	7.80 ± 0.20 [5]	8.00 ± 0.00 [6]	0.846+
PND 21 Male	4.00 ± 0.00 [6]	3.71 ± 0.18 [7]	4.20 ± 0.20 [5]	4.00 ± 0.00 [5]	4.50 ± 0.34 [6]	0.065+
PND 21 Female	4.00 ± 0.00 [6]	4.00 ± 0.00 [7]	3.60 ± 0.24 [5]	3.80 ± 0.20 [5]	3.50 ± 0.34 [6]	0.056-
PND 21 Male+Female	8.00 ± 0.00 [6]	7.71 ± 0.18 [7]	7.80 ± 0.20 [5]	7.80 ± 0.20 [5]	8.00 ± 0.00 [6]	0.846+
<b>Percent Male</b>						
%Male per Litter <sup>b,c,i</sup>	53.01 ± 3.76 [9]	49.93 ± 4.11 [10]	45.86 ± 0.40 [3]	56.37 ± 5.04 [8]	57.70 ± 8.69 [5]	0.547+
%Male in Dose <sup>d,e</sup>	53 [109]	51 [124]	46 [37]	56 [100]	56 [64]	.
<b>Survival:</b>						
Total Dead 1-4 <sup>e,f</sup>	16 [3]	3 [1]	1 [1]	5 [3]	2 [1]	.
Total Dead 4-21 <sup>e,f</sup>	0 [0]	2 [2]	1 [1]	1 [1]	0 [0]	.
Dead per Litter 1-4 <sup>b,c</sup>	1.231 ± 0.871 [13]	0.231 ± 0.231 [13]	0.200 ± 0.200 [5]	0.455 ± 0.282 [11]	0.333 ± 0.333 [6]	0.979+
Dead per Litter 4-21 <sup>b,c</sup>	0.000 ± 0.000 [6]	0.286 ± 0.184 [7]	0.200 ± 0.200 [5]	0.200 ± 0.200 [5]	0.000 ± 0.000 [6]	0.846-
Survival Ratio 1-4 <sup>b,c,g</sup>	0.923 ± 0.077 [13]	0.994 ± 0.006 [13]	1.000 ± 0.000 [5]	0.977 ± 0.017 [11]	0.987 ± 0.013 [6]	0.446-
Survival Ratio 4-21 <sup>b,c,h</sup>	1.000 ± 0.000 [6]	0.964 ± 0.023 [7]	0.975 ± 0.025 [5]	0.975 ± 0.025 [5]	1.000 ± 0.000 [6]	0.846+

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- 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<0.01 from Jonckheere's trend test] or with Dunn's test when no trend was present [\* = P<0.05, \*\* = P<0.01]
- c: Mean  $\pm$  standard error [Number of litters]
- d:  $100 \times (\text{Number of live males in dose group}) / (\text{Number of live males and females in dose group})$  [Number of pups]
- e: No statistics were performed on this endpoint
- f: Total dead in dose group [Number of litters with dead pups]
- g: Survival per litter: Number of live pups precull PND 4 / Number of live pups on PND 1
- h: Survival per litter: Number of live pups on PND 21 / Number of live pups postcull PND 4
- i: Litters where the male/female pup counts were inconsistent between PND 1 and PND 4 were excluded from the male/female-specific endpoints.