

Study Number: I20263
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary
Test Compound: Tris (chloropropyl) phosphate
CAS Number: 13674-84-5

Date Report Requested: 06/04/2021
Time Report Requested: 10:42:33
Lab: Burleson Research Technologies

Study Number: I20263
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.2.2

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F1 Males

Treatment Groups (ppm)

| Phase Day | 0 | | 2500 | | | 5000 | | | 10000 | | |
|-----------|-----------------|----------|-----------------|-----------|----------|-----------------|-----------|----------|-----------------|-----------|----------|
| | WT (g) | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N |
| PND1 | 6.54 ± 0.10 | 183 (30) | 6.76 ± 0.09 | 103.32 | 194 (29) | 6.81 ± 0.08 | 104.08 | 195 (29) | 6.66 ± 0.10 | 101.73 | 208 (29) |
| PND4 | 9.56 ± 0.16 | 181 (30) | 9.86 ± 0.15 | 103.15 | 188 (29) | 9.71 ± 0.16 | 101.58 | 194 (29) | 9.52 ± 0.18 | 99.58 | 189 (27) |
| PND7 | 16.23 ± 0.26 * | 120 (30) | 16.35 ± 0.31 | 100.74 | 114 (29) | 15.88 ± 0.26 | 97.81 | 113 (29) | 15.46 ± 0.31 | 95.22 | 106 (27) |
| PND14 | 33.35 ± 0.41 | 120 (30) | 33.42 ± 0.69 | 100.21 | 114 (29) | 32.73 ± 0.46 | 98.12 | 113 (29) | 32.44 ± 0.43 | 97.27 | 106 (27) |
| PND21 | 55.58 ± 0.67 ** | 120 (30) | 51.88 ± 0.83 ** | 93.34 | 108 (28) | 49.20 ± 0.67 ** | 88.51 | 113 (29) | 46.96 ± 0.69 ** | 84.48 | 106 (27) |
| PND28 | 95.02 ± 0.90 ** | 120 (30) | 91.14 ± 1.07 * | 95.92 | 108 (28) | 87.63 ± 0.91 ** | 92.23 | 113 (29) | 83.26 ± 1.22 ** | 87.63 | 106 (27) |

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F1 Females

Treatment Groups (ppm)

| Phase Day | 0 | | 2500 | | | 5000 | | | 10000 | | |
|-----------|-----------------|----------|-----------------|-----------|----------|-----------------|-----------|----------|-----------------|-----------|----------|
| | WT (g) | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N |
| PND1 | 6.18 ± 0.09 | 202 (30) | 6.46 ± 0.08 | 104.53 | 184 (29) | 6.46 ± 0.08 | 104.45 | 180 (29) | 6.40 ± 0.10 | 103.55 | 174 (29) |
| PND4 | 8.98 ± 0.13 | 202 (30) | 9.37 ± 0.14 | 104.40 | 183 (29) | 9.14 ± 0.16 | 101.82 | 175 (29) | 9.05 ± 0.15 | 100.80 | 163 (27) |
| PND7 | 15.29 ± 0.24 * | 120 (30) | 15.63 ± 0.27 | 102.23 | 118 (29) | 15.06 ± 0.27 | 98.50 | 114 (29) | 14.56 ± 0.28 | 95.21 | 105 (27) |
| PND14 | 31.51 ± 0.37 | 120 (30) | 32.25 ± 0.68 | 102.35 | 118 (29) | 31.34 ± 0.49 | 99.45 | 114 (29) | 30.96 ± 0.40 | 98.25 | 105 (27) |
| PND21 | 52.14 ± 0.48 ** | 120 (30) | 49.33 ± 0.64 ** | 94.60 | 114 (28) | 46.13 ± 0.65 ** | 88.47 | 114 (29) | 44.30 ± 0.54 ** | 84.97 | 105 (27) |
| PND28 | 85.33 ± 0.71 ** | 120 (30) | 82.18 ± 0.82 * | 96.31 | 113 (28) | 79.32 ± 0.93 ** | 92.95 | 114 (29) | 75.91 ± 0.97 ** | 88.96 | 105 (27) |

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F1 Pups

Treatment Groups (ppm)

| Phase Day | 0 | | 2500 | | | 5000 | | | 10000 | | |
|-----------|-----------------|----------|-----------------|-----------|----------|-----------------|-----------|----------|-----------------|-----------|----------|
| | WT (g) | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N | WT (g) | % of CNTL | N |
| PND1 | 6.35 ± 0.08 | 385 (30) | 6.61 ± 0.08 | 104.12 | 378 (29) | 6.64 ± 0.08 * | 104.65 | 375 (29) | 6.52 ± 0.10 | 102.77 | 382 (30) |
| PND4 | 9.25 ± 0.13 | 383 (30) | 9.61 ± 0.15 | 103.82 | 371 (29) | 9.45 ± 0.15 | 102.09 | 369 (29) | 9.26 ± 0.17 | 100.08 | 352 (28) |
| PND7 | 15.76 ± 0.23 * | 240 (30) | 15.96 ± 0.28 | 101.30 | 232 (29) | 15.47 ± 0.25 | 98.14 | 227 (29) | 14.89 ± 0.33 | 94.51 | 211 (28) |
| PND14 | 32.44 ± 0.36 | 240 (30) | 32.78 ± 0.68 | 101.04 | 232 (29) | 32.02 ± 0.45 | 98.71 | 227 (29) | 31.60 ± 0.43 | 97.41 | 211 (28) |
| PND21 | 53.86 ± 0.53 ** | 240 (30) | 50.48 ± 0.71 ** | 93.72 | 222 (28) | 47.66 ± 0.62 ** | 88.49 | 227 (29) | 45.50 ± 0.62 ** | 84.48 | 211 (28) |
| PND28 | 90.14 ± 0.73 ** | 240 (30) | 86.41 ± 0.86 ** | 95.86 | 221 (28) | 83.47 ± 0.87 ** | 92.60 | 227 (29) | 79.49 ± 1.01 ** | 88.18 | 211 (28) |

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LEGEND

N = the number of pups (number of litters)

PND - Postnatal Day, pups pre-weaning

PND4 weights are precull if litters are culled on postnatal day 4.

Data are displayed as the means and standard errors of the litter means.

PND - Postnatal Day, pups pre-weaning

Pup weights are adjusted for covariate litter size for all postnatal days. Total live on PND 1 for day 1 to cull day, and number of live pups after culling for later weight days.
Unadjusted pup weights may also be reported for select postnatal days.

Statistical analysis was performed using mixed effects models with litter as a random effect, and a Dunnett-Hsu adjustment for multiple pairwise comparisons.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****