

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

R03: Summary of Litter Data
Test Compound: Tris (chloropropyl) phosphate
CAS Number: 13674-84-5

Date Report Requested: 10/13/2022
Time Report Requested: 08:21:24
Lab: Burleson Research Technologies

Study Number: I20263
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.2
Stat Version: S

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F1 Pups from F0 Females

	Treatment Groups (ppm)			
	0	2500	5000	10000
No. F0 Dams				
PND 0	30	29	29	30
Total No. Pups				
PND 0	395	394	379	394
Total Pups per Litter				
PND 0	13.2 ± 0.4 (30)	13.6 ± 0.3 (29)	13.1 ± 0.5 (29)	13.1 ± 0.7 (30)
Total No. Live				
PND 0	385	382	377	383
Live per Litter				
PND 0	12.8 ± 0.4 (30)	13.2 ± 0.3 (29)	13.0 ± 0.5 (29)	12.8 ± 0.7 (30)
PND 1	12.8 ± 0.4 (30)	13.0 ± 0.3 (29)	12.9 ± 0.5 (29)	12.7 ± 0.7 (30)
PND 4	12.8 ± 0.4 (30)	12.8 ± 0.3 (29)	12.7 ± 0.4 (29)	12.5 ± 0.7 (28)
PND 4 post-cull	8.0 ± 0.0 (30) *	8.0 ± 0.0 (29)	7.9 ± 0.1 (29)	7.5 ± 0.3 (28)
PND 7	8.0 ± 0.0 (30) *	8.0 ± 0.0 (29)	7.8 ± 0.1 (29)	7.5 ± 0.3 (28)
PND 14	8.0 ± 0.0 (30) *	8.0 ± 0.0 (28)	7.8 ± 0.1 (29)	7.5 ± 0.3 (28)
PND 21	8.0 ± 0.0 (30)	7.9 ± 0.0 (28)	7.8 ± 0.1 (29)	7.5 ± 0.3 (28)
PND 28	8.0 ± 0.0 (30)	7.9 ± 0.1 (28)	7.8 ± 0.1 (29)	7.5 ± 0.3 (28)
Dead per Litter				
PND 0	0.33 ± 0.13 (30)	0.41 ± 0.15 (29)	0.07 ± 0.05 (29)	0.37 ± 0.13 (30)
PND 1 - 4	0.07 ± 0.05 (30)	0.38 ± 0.13 (29)	0.28 ± 0.13 (29)	1.07 ± 0.67 (30)
PND 5 - 28	0.00 ± 0.00 (30)	0.38 ± 0.28 (29)	0.03 ± 0.03 (29)	0.04 ± 0.04 (28)
Number of Dead				
PND 0	10 (6)	12 (7)	2 (2)	11 (8)
PND 1 - 4	2 (2)	11 (8)	8 (5)	32 (5)
PND 5 - 28	0 (0)	11 (4)	1 (1)	1 (1)
% Live Male Pups per Litter				

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F1 Pups from F0 Females

Treatment Groups (ppm)

	0	2500	5000	10000
PND 0	48.00 ± 2.34 (30)	51.84 ± 2.89 (29)	51.64 ± 2.02 (29)	54.30 ± 3.48 (30)
Survival Ratio				
PND 1 - 4	0.99 ± 0.00 (30)	0.97 ± 0.01 (29)	0.98 ± 0.01 (29)	0.93 ± 0.05 (30)
PND 5 - 28	1.00 ± 0.00 (30)	0.95 ± 0.03 (29)	1.00 ± 0.00 (29)	1.00 ± 0.00 (28)

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LEGEND

Total No. of Pups and Total Pups per Litter is inclusive of nonviable pups.

Data are displayed as the means and standard errors of the litter means, N is number of litters

Total Pups per Litter, Live per Litter, Dead per Litter, % Live Male Pups per Litter, and Survival Ratio endpoints were analyzed using Jonckheere's test for trend and Shirley's or Dunn's methods for pairwise comparison of controls to dose groups.

For Number of Dead, N is displayed as the number of pups (number of litters contributing dead pups).

All calculations are based on the last litter observation of the day

Survival ratio on PND 0 is live pup count at the last PND 0 litter observation relative to the total number of pups upon completion of parturition.

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 ****