

Study Number: C20712-04
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Mouse/B6C3F1/N

PA48: Summary of Tissue Concentration
Test Compound: Tris(Chloropropyl)phosphate
CAS Number: 13674-84-5

Date Report Requested: 05/26/2021
Time Report Requested: 14:48:22
Lab: Battelle

Study Number: C20712-04
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.2.2

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		Male: Male Special			
Phase	Dose (ppm)	0	1250	2500	5000
SD 92	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	6.92 ± 3.14 (5) **	53.5 ± 33.2 (5) *	101 ± 58.5 (5) **	1180 ± 461 (5) **
SD 184	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	1.58 ± 0.683 (5) **	7.14 ± 2.21 (5)	6.52 ± 1.42 (5) *	30.9 ± 9.18 (5) **
SD 366	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	1.05 ± 0.465 (5) **	11.0 ± 2.55 (5) **	47.2 ± 17.1 (5) **	174 ± 43.8 (5) **
SD 548	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	1.20 ± 0.488 (4) **	37.4 ± 34.4 (3)	13.6 ± 3.60 (4) *	99.2 ± 28.8 (5) **

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		Female: Female Special			
Phase	Dose (ppm)	0	2500	5000	10000
SD 92	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	15.1 ± 3.43 (5) **	15.7 ± 3.51 (5)	29.7 ± 7.00 (5)	159 ± 77.7 (5) **
SD 184	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	8.29 ± 1.96 (5) **	6.6 ± 1.74 (5)	13.0 ± 3.49 (5)	31.7 ± 5.05 (5) **
SD 366	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	1.50 ± 0.678 (5) **	19.3 ± 12.4 (5) **	65.1 ± 32.3 (5) **	265 ± 93.3 (4) **
SD 548	Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma (ng/ml)	0.750 ± 0.173 (5) **	19.2 ± 8.66 (5) **	47.7 ± 14.0 (5) **	106 ± 57.3 (5) **

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

SD – Study Day

Tris(1-chloro-2-propyl)phosphate (TCPP-1) is the major constituent of the tris(chloropropyl)phosphate test article.

If over 20% of the animals in a group are above the limit of detection, then 1/2 the limit of detection value is substituted for values that are below the limit of detection.

When the control group did not have over 20% of its values above the limit of detection, no mean or standard error were calculated; no statistical analysis was done for the endpoint.

Statistical analysis were performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

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 $P \leq 0.01$

Decrease in N for Tris(1-chloro-2-propyl)phosphate (TCPP-1) Concentration in Adult Plasma in the 2500 mg/kg group for day 548 is due to one male's value being excluded because it was an outlier.

**** END OF REPORT ****