

Experiment Number: **G20263**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Tris(Chloropropyl)phosphate**
CAS Number: **13674-84-5**

Date Report Requested: **09/23/2018**
Time Report Requested: **15:54:58**

NTP Study Number:	G20263
Study Duration:	90 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

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Test Compound: Tris(Chloropropyl)phosphate
CAS Number: 13674-84-5

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Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.388 ± 0.077		5	0.031 ± 0.003		0.869 ± 0.047	
2500.0	5	0.500 ± 0.096	0.3646	5	0.030 ± 0.008	1.0000	0.859 ± 0.078	1.0000
5000.0	5	0.370 ± 0.075	0.4331	5	0.029 ± 0.004	1.0000	1.048 ± 0.056	0.0701
10000.0	5	0.420 ± 0.085	0.4612	5	0.031 ± 0.006	1.0000	1.324 ± 0.057	< 0.001 *
Trend p-Value		0.5255			0.5268		< 0.001 *	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

Dose (ppm)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.570 ± 0.051		5	0.073 ± 0.018		0.899 ± 0.069	
2500.0	5	0.676 ± 0.134	0.7823	5	0.085 ± 0.031	0.6955	1.040 ± 0.119	0.4322
5000.0	5	0.380 ± 0.064	0.8558	5	0.050 ± 0.013	0.7793	1.129 ± 0.181	0.4080
10000.0	5	0.460 ± 0.060	0.8851	5	0.057 ± 0.009	0.8131	1.030 ± 0.090	0.4362
20000.0	5	0.310 ± 0.068	0.8970	5	0.033 ± 0.008	0.8297	1.522 ± 0.138	0.0049 *
Trend p-Value		0.9930			0.9711		0.0035 *	

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

**** END OF REPORT ****