

Experiment Number: **G20263B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/B6C3F1**

**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: **15:59:46**

**NTP Study Number:**

G20263B

**Study Duration:**

90 Days

**Study Methodology:**

Flow Cytometry

**Male Study Result:**

Equivocal

**Female Study Result:**

Negative

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**G04: In Vivo Micronucleus Summary Data**

Test Compound: Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

Date Report Requested: 09/23/2018

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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 <sup>1</sup>	5	2.630 ± 0.170		5	1.462 ± 0.028		1.360 ± 0.084	
1250.0	5	2.920 ± 0.200	0.3523	5	1.452 ± 0.012	1.0000	1.252 ± 0.029	1.0000
2500.0	5	2.770 ± 0.137	0.4180	5	1.490 ± 0.011	1.0000	1.348 ± 0.036	1.0000
5000.0	5	2.550 ± 0.328	0.4465	5	1.502 ± 0.030	0.8303	1.234 ± 0.044	1.0000
10000.0	5	2.940 ± 0.183	0.2091	5	1.549 ± 0.022	0.1015	1.368 ± 0.050	0.9831
20000.0	5	3.236 ± 0.217	0.0363	5	1.710 ± 0.028	0.0016 *	1.730 ± 0.052	< 0.001 *
Trend p-Value		0.0225 *			< 0.001 *		< 0.001 *	

Trial Summary: Equivocal

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Test Compound: Tris(Chloropropyl)phosphate

CAS Number: 13674-84-5

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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 <sup>1</sup>	5	2.860 ± 0.171		5	1.133 ± 0.020		1.120 ± 0.019	
1250.0	5	1.950 ± 0.110	0.9998	5	1.101 ± 0.041	0.9117	1.285 ± 0.087	0.2611
2500.0	5	1.980 ± 0.107	1.0000	5	1.077 ± 0.009	0.9560	1.225 ± 0.084	0.3118
5000.0	5	1.680 ± 0.133	1.0000	5	1.107 ± 0.024	0.9677	1.631 ± 0.106	0.0078 *
10000.0	5	1.750 ± 0.177	1.0000	5	1.030 ± 0.041	0.9730	1.346 ± 0.107	0.0072 *
20000.0	5	1.710 ± 0.189	1.0000	5	1.018 ± 0.018	0.9769	1.716 ± 0.089	< 0.001 *
Trend p-Value		0.9946			0.9984		< 0.001 *	

Trial Summary: Negative

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#### LEGEND

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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 \*\***