

Experiment Number: **G14001**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Rat/Harlan Sprague Dawley**

**G04: In Vivo Micronucleus Summary Data**

Test Compound: **4-Methylcyclohexanemethanol**

CAS Number: **34885-03-5**

Date Report Requested: **09/23/2018**

Time Report Requested: **15:37:31**

**NTP Study Number:**

G14001

**Study Duration:**

6 Days

**Study Methodology:**

Flow Cytometry

**Male Study Result:**

Negative

Experiment Number: G14001

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Harlan Sprague Dawley

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 4-Methylcyclohexanemethanol

CAS Number: 34885-03-5

Date Report Requested: 09/23/2018

Time Report Requested: 15:37:31

Tissue: Blood; Sex: Male; Number of Treatments: 5; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	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>	6	0.642 ± 0.075		6	0.056 ± 0.004		2.451 ± 0.252	
0.1	6	0.508 ± 0.092	1.0000	6	0.049 ± 0.003	1.0000	2.468 ± 0.188	0.8812
1.0	6	0.600 ± 0.095	1.0000	6	0.044 ± 0.007	1.0000	2.570 ± 0.220	0.9582
10.0	6	0.583 ± 0.042	1.0000	6	0.076 ± 0.019	1.0000	2.452 ± 0.125	0.9811
100.0	6	0.625 ± 0.057	1.0000	6	0.084 ± 0.016	0.9349	2.670 ± 0.164	0.9889
300.0	6	0.692 ± 0.160	1.0000	6	0.090 ± 0.015	0.4535	2.316 ± 0.361	0.9923
500.0	6	0.750 ± 0.076	1.0000	6	0.076 ± 0.013	1.0000	2.737 ± 0.246	0.5452
Trend p-Value		0.1327			0.0158 *		0.7904	

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: Corn Oil

**\*\* END OF REPORT \*\***