

Experiment Number: F06233

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Malonamide

CAS Number: 108-13-4

Date Report Requested: 09/21/2018

Time Report Requested: 15:03:07

NTP Study Number:

F06233

Study Duration:

4 Days

Study Methodology:

Flow Cytometry

Male Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 28 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 ¹	5	2.470 ± 0.121		5	1.417 ± 0.028		1.367 ± 0.079	
1000.0	5	2.850 ± 0.223	0.4387	5	1.486 ± 0.032	0.2561	1.390 ± 0.069	0.8846
1500.0	5	2.280 ± 0.087	0.5153	5	1.454 ± 0.022	0.3079	1.429 ± 0.097	0.9693
2000.0	5	2.380 ± 0.094	0.5470	5	1.389 ± 0.024	0.3282	1.321 ± 0.018	0.8576
Trend p-Value		0.7851			0.6666		0.8751	
Positive Control ²	5	19.670 ± 0.490	< 0.001 *	5	1.849 ± 0.029	< 0.001 *	0.437 ± 0.032	< 0.001 *

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: Saline

2: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****