

Experiment Number: A35940

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Danthron

CAS Number: 117-10-2

Date Report Requested: 09/20/2018

Time Report Requested: 10:43:02

NTP Study Number:

A35940

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	5	0.60 ± 0.24		33.80 ± 4.10
500.0	5	0.50 ± 0.16	0.6185	35.60 ± 3.28
1000.0	5	1.00 ± 0.22	0.1586	30.00 ± 4.19
2000.0	5	1.20 ± 0.46	0.0786	40.70 ± 2.76
Trend p-Value		0.0360		
Positive Control ²	3	18.83 ± 1.92	< 0.001 *	7.17 ± 3.22

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

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at $p = 0.025/\text{number of treatment groups}$; positive control value is significant at $p = 0.05$

Cochran-Armitage trend test, significant at $p = 0.025$

* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

2: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****