

Experiment Number: A79977

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Ammonium perchlorate

CAS Number: 7790-98-9

Date Report Requested: 09/21/2018

Time Report Requested: 05:16:11

NTP Study Number:

A79977

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

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	3.00 ± 0.57		4.70 ± 0.50
125.0	5	3.10 ± 0.40	0.4490	5.18 ± 0.32
250.0	5	3.20 ± 0.56	0.3996	5.54 ± 0.37
500.0	5	2.10 ± 0.29	0.8965	4.94 ± 0.28
Trend p-Value		0.9030		
Positive Control ²	5	19.60 ± 2.03	< 0.001 *	5.68 ± 0.23

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: Phosphate Buffered Saline

2: 15.0 mg/kg Cyclophosphamide

**** END OF REPORT ****