

Experiment Number: A72640

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Diazoaminobenzene

CAS Number: 136-35-6

Date Report Requested: 09/21/2018

Time Report Requested: 02:37:36

NTP Study Number:

A72640

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Positive

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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	0.40 ± 0.10		68.00 ± 2.98
50.0	5	6.30 ± 0.20	< 0.001 *	55.30 ± 2.07
100.0	4	13.00 ± 1.14	< 0.001 *	56.75 ± 3.80
Trend p-Value		< 0.001 *		
Positive Control ²	5	13.30 ± 0.72	< 0.001 *	62.80 ± 3.74

Trial Summary: Positive

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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 $p = 0.025$ /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: 20.0 mg/kg Cyclophosphamide

**** END OF REPORT ****