

Experiment Number: A78292
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 3,3',4,4'-Tetrachloroazoxybenzene
CAS Number: 21232-47-3

Date Report Requested: 09/21/2018
Time Report Requested: 04:47:25

NTP Study Number: A78292
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	0.30 ± 0.20		42.40 ± 5.17
50.0	5	0.70 ± 0.34	0.1635	34.10 ± 4.88
100.0	5	0.30 ± 0.12	0.5000	29.50 ± 3.45
150.0	5	0.70 ± 0.44	0.1635	40.30 ± 4.38
200.0	5	1.10 ± 0.48	0.0488	34.50 ± 1.43
Trend p-Value		0.0580		
Positive Control ²	5	2.30 ± 0.72	< 0.001 *	39.50 ± 3.56

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 ****