

Experiment Number: A98432
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Allyl alcohol
CAS Number: 107-18-6

Date Report Requested: 09/21/2018
Time Report Requested: 13:48:45

NTP Study Number: A98432
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	4	1.38 ± 0.24		33.25 ± 1.53	
5.0	5	2.00 ± 0.16	0.1575	46.10 ± 1.48	
10.0	5	1.60 ± 0.33	0.3492	41.10 ± 1.65	
20.0	5	1.40 ± 0.19	0.4822	38.80 ± 2.41	
Trend p-Value		0.6490			
Positive Control ²	5	24.20 ± 0.78	< 0.001 *	32.50 ± 2.54	

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: 7.5 mg/kg Cyclophosphamide

**** END OF REPORT ****