

Experiment Number: A37278

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Allyl acetate

CAS Number: 591-87-7

Date Report Requested: 09/20/2018

Time Report Requested: 11:16:41

NTP Study Number:

A37278

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Experiment Number: A37278
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Allyl acetate
CAS Number: 591-87-7

Date Report Requested: 09/20/2018
Time Report Requested: 11:16:41

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	1.20 ± 0.37		41.10 ± 2.92
9.38	5	0.70 ± 0.20	0.8744	34.80 ± 1.87
18.75	5	1.50 ± 0.42	0.2817	41.20 ± 3.40
37.5	5	1.40 ± 0.33	0.3473	37.80 ± 2.49
75.0	5	1.70 ± 0.30	0.1764	34.90 ± 4.08
150.0	3	1.33 ± 0.17	0.4086	42.83 ± 0.93
Trend p-Value		0.1890		
Positive Control ²	5	10.00 ± 0.95	< 0.001 *	25.90 ± 2.76

Trial Summary: Negative

Experiment Number: A37278

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Allyl acetate

CAS Number: 591-87-7

Date Report Requested: 09/20/2018

Time Report Requested: 11:16:41

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: 10.0 mg/kg Cyclophosphamide

**** END OF REPORT ****