

Experiment Number: A65209  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

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

Date Report Requested: 09/20/2018  
Time Report Requested: 23:30:36

<b>NTP Study Number:</b>	A65209
<b>Study Duration:</b>	13 Weeks
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative
<b>Female Study Result:</b>	Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>†</sup>	10	1.20 ± 0.29		10	1.10 ± 0.38		2.34 ± 0.10
3.0				10	1.20 ± 0.25	0.4174	
6.0				10	1.70 ± 0.40	0.1283	
12.0				10	1.40 ± 0.34	0.2741	
25.0				10	1.20 ± 0.33	0.4174	
50.0	10	2.20 ± 0.49	0.0430	10	1.60 ± 0.45	0.1678	2.17 ± 0.11
Trend p-Value		0.0430			0.2730		

Trial Summary: Negative

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Test Compound: Allyl alcohol

CAS Number: 107-18-6

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Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>†</sup>	10	0.80 ± 0.25		10	0.70 ± 0.21		2.30 ± 0.08
3.0				10	0.90 ± 0.28	0.3085	
6.0				10	1.00 ± 0.21	0.2333	
12.0				10	0.70 ± 0.26	0.5000	
25.0				10	1.50 ± 0.31	0.0440	
50.0	9	1.56 ± 0.34	0.0631	9	1.11 ± 0.26	0.1720	2.22 ± 0.10
Trend p-Value		0.0630			0.1180		

Trial Summary: Negative

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LEGEND

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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: Solvent

**\*\* END OF REPORT \*\***