Experiment Number: **A10642**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Allyl acetate**
CAS Number: **591-87-7**

Date Report Requested: **09/20/2018**
Time Report Requested: **02:11:59**

NTP Study Number:	A10642
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Weakly Positive

Experiment Number: **A10642**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Allyl acetate**
CAS Number: **591-87-7**

Date Report Requested: **09/20/2018**
Time Report Requested: **02:11:59**

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

	MN PCE/1000			MN NCE/1000			% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	9	1.67 ± 0.47		9	1.22 ± 0.28		2.73 ± 0.14
8.0				7	2.14 ± 0.46	0.0758	
16.0				10	2.20 ± 0.33	0.0530	
32.0				9	2.33 ± 0.41	0.0384	
62.5	2	3.50 ± 0.50	0.0485	2	3.50 ± 0.50	0.0113	2.50 ± 0.10
Trend p-Value		0.0480			0.0180 *		

Trial Summary: Negative

Experiment Number: **A10642**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Allyl acetate**

CAS Number: **591-87-7**

Date Report Requested: **09/20/2018**

Time Report Requested: **02:11:59**

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

	MN PCE/1000			MN NCE/1000			% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	9	0.78 ± 0.36		9	0.89 ± 0.26		2.66 ± 0.10
8.0				8	1.50 ± 0.42	0.1230	
16.0				6	1.17 ± 0.40	0.2990	
32.0				7	1.00 ± 0.22	0.4099	
62.5	6	2.00 ± 0.37	0.0196	6	3.17 ± 0.40	< 0.001 *	2.35 ± 0.10
Trend p-Value		0.0200 *			0.0010 *		

Trial Summary: Weakly Positive

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 ± 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: Solvent

** END OF REPORT **