Experiment Number: **A74886**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2,4-Decadienal**
CAS Number: **25152-84-5**

Date Report Requested: **09/21/2018**
Time Report Requested: **03:30:11**

NTP Study Number:	A74886
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A74886**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2,4-Decadienal**
CAS Number: **25152-84-5**

Date Report Requested: **09/21/2018**
Time Report Requested: **03:30:11**

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]	10	2.10 ± 0.41		10	1.80 ± 0.29		2.82 ± 0.15
50.0				10	2.30 ± 0.30	0.2172	
100.0				10	2.50 ± 0.22	0.1426	
200.0				10	2.50 ± 0.52	0.1426	
400.0				10	2.10 ± 0.43	0.3153	
800.0	10	3.20 ± 0.59	0.0651	10	2.70 ± 0.47	0.0896	2.83 ± 0.15
Trend p-Value		0.0650			0.1980		

Trial Summary: Negative

Experiment Number: **A74886**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2,4-Decadienal**
CAS Number: **25152-84-5**

Date Report Requested: **09/21/2018**
Time Report Requested: **03:30:11**

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]	10	1.50 ± 0.22		10	2.00 ± 0.26		2.75 ± 0.14
50.0				10	1.70 ± 0.30	0.6892	
100.0				9	2.00 ± 0.44	0.5000	
200.0				10	1.50 ± 0.31	0.8012	
400.0				10	1.80 ± 0.36	0.6273	
800.0	9	1.11 ± 0.26	0.7698	9	2.11 ± 0.39	0.4329	2.52 ± 0.13
Trend p-Value		0.7700			0.3440		

Trial Summary: Negative

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: Corn Oil

** END OF REPORT **