Experiment Number: **A99101**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Crotonaldehyde**
CAS Number: **4170-30-3**

Date Report Requested: **09/21/2018**
Time Report Requested: **14:12:23**

NTP Study Number:	A99101
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A99101**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Crotonaldehyde**

CAS Number: **4170-30-3**

Date Report Requested: **09/21/2018**

Time Report Requested: **14:12:23**

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

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.80 ± 0.16	
2.5	10	1.80 ± 0.11	0.5056
5.0	10	1.83 ± 0.17	0.4405
10.0	10	1.67 ± 0.17	0.7712
20.0	10	1.90 ± 0.13	0.2947
40.0	10	1.87 ± 0.08	0.3576
Trend p-Value		0.2660	

Trial Summary: Negative

Experiment Number: **A99101**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Crotonaldehyde**

CAS Number: **4170-30-3**

Date Report Requested: **09/21/2018**

Time Report Requested: **14:12:23**

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

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.18 ± 0.09	
2.5	10	1.36 ± 0.12	0.1237
5.0	10	1.21 ± 0.08	0.4310
10.0	10	1.13 ± 0.14	0.6494
20.0	10	1.38 ± 0.12	0.0951
40.0	10	1.37 ± 0.12	0.1018
Trend p-Value		0.0920	

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: Solvent

** END OF REPORT **