Experiment Number: **B15171**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Microencapsulation in Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **trans-1,2-Dichloroethylene**
CAS Number: **156-60-5**

Date Report Requested: **09/21/2018**
Time Report Requested: **14:48:03**

NTP Study Number:	B15171
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **B15171**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Microencapsulation in Feed**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **trans-1,2-Dichloroethylene**

CAS Number: **156-60-5**

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

Time Report Requested: **14:48:03**

Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.15 ± 0.20	
3125.0	10	1.05 ± 0.23	0.6186
6250.0	10	0.95 ± 0.16	0.7316
12500.0	10	1.05 ± 0.16	0.6186
25000.0	10	0.70 ± 0.17	0.9306
50000.0	10	0.75 ± 0.21	0.9029
Trend p-Value		0.9360	

Trial Summary: Negative

Experiment Number: **B15171**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Microencapsulation in Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **trans-1,2-Dichloroethylene**
CAS Number: **156-60-5**

Date Report Requested: **09/21/2018**
Time Report Requested: **14:48:03**

Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	0.85 ± 0.18	
3125.0	10	0.65 ± 0.11	0.7675
6250.0	10	0.95 ± 0.22	0.3694
12500.0	10	0.85 ± 0.13	0.5000
25000.0	10	0.75 ± 0.19	0.6382
50000.0	10	0.70 ± 0.15	0.7051
Trend p-Value		0.6990	

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: Feed

** END OF REPORT **