Experiment Number: **A92525**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Acrylonitrile**
CAS Number: **107-13-1**

Date Report Requested: **09/21/2018**
Time Report Requested: **11:04:42**

NTP Study Number:	A92525
Study Duration:	6 Weeks
Study Methodology:	Slide Scoring
Female Study Result:	Negative

Experiment Number: **A92525**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acrylonitrile**

CAS Number: **107-13-1**

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

Time Report Requested: **11:04:42**

Tissue: Blood; Sex: Female; Number of Treatments: 30; 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	5.20 ± 0.77		10	4.00 ± 0.56		5.30 ± 0.47
60.0	10	4.50 ± 0.40	0.7619	10	3.80 ± 0.57	0.5897	5.79 ± 0.54
Trend p-Value		0.7620			0.5900		

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 **