Experiment Number: **F75142**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/129 Sv/Ev**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Acrylamide**
CAS Number: **79-06-1**

Date Report Requested: **09/24/2018**
Time Report Requested: **10:39:48**

NTP Study Number:	F75142
Study Duration:	5 Days
Study Methodology:	Flow Cytometry
Female Study Result:	Negative

Experiment Number: **F75142**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/129 Sv/Ev**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acrylamide**

CAS Number: **79-06-1**

Date Report Requested: **09/24/2018**

Time Report Requested: **10:39:48**

Tissue: Blood; Sex: Female; Number of Treatments: 5; 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**	**p-Value**
Vehicle Control[1]	12	2.209 ± 0.143		12	1.412 ± 0.056		2.237 ± 0.289	
25.0	12	2.293 ± 0.129	0.3419	12	1.447 ± 0.047	0.4072	1.725 ± 0.161	0.7911
50.0	12	2.331 ± 0.155	0.3309	12	1.419 ± 0.082	0.4816	2.543 ± 0.110	0.1492
Trend p-Value		0.2728			0.4671		0.1781	
Positive Control[2]	12	4.307 ± 0.345	< 0.001 *	12	1.497 ± 0.064	0.1651	1.680 ± 0.112	0.0511

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
Pairwise comparison with the control group; values are significant at P <= 0.025 by Williams or Dunn's test
Dose-related trend; significant at P <= 0.025 by linear regression or Jonckheere's test
* Statistically significant pairwise or trend test
1: Vehicle Control: Saline
2: 100.0 mg/kg Urne

** END OF REPORT **