Experiment Number: **F97370**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Rat/Fischer 344**

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

Date Report Requested: **09/23/2018**
Time Report Requested: **10:26:58**

NTP Study Number:	F97370
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **F97370**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acrylamide**

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

Date Report Requested: **09/23/2018**

Time Report Requested: **10:26:58**

Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 0 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]	5	0.641 ± 0.155		5	0.206 ± 0.047		2.600 ± 0.140	
13.0	5	0.660 ± 0.093	1.0000	5	0.181 ± 0.059	0.7312	2.207 ± 0.172	0.1404
25.0	5	0.660 ± 0.037	1.0000	5	0.175 ± 0.021	0.8118	2.143 ± 0.189	0.1259
38.0	5	0.510 ± 0.104	1.0000	5	0.165 ± 0.032	0.8445	2.206 ± 0.167	0.1320
50.0	5	0.550 ± 0.027	1.0000	5	0.135 ± 0.013	0.8585	1.880 ± 0.169	0.0078 *
Trend p-Value		0.8670			0.9129		0.0112 *	

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: Phosphate Buffered Saline

** END OF REPORT **