Experiment Number: **F75648**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

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

Date Report Requested: **09/23/2018**
Time Report Requested: **09:49:25**

NTP Study Number:	F75648
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Positive

Experiment Number: **F75648**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acrylamide**

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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	2.758 ± 0.461		5	1.532 ± 0.045		1.823 ± 0.077	
13.0	5	3.836 ± 0.542	0.5644	5	1.933 ± 0.302	0.1876	1.855 ± 0.090	1.0000
25.0	5	4.127 ± 0.104	0.1556	5	1.594 ± 0.036	1.0000	1.459 ± 0.057	0.0297
38.0	5	4.097 ± 0.227	0.1226	5	1.568 ± 0.063	1.0000	1.452 ± 0.126	0.0226 *
50.0	5	4.349 ± 0.195	0.0339	5	1.676 ± 0.045	0.1174	1.264 ± 0.124	< 0.001 *
Trend p-Value		0.0049 *			0.1358		< 0.001 *	

Trial Summary: Positive

Experiment Number: **F75648**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
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G04: In Vivo Micronucleus Summary Data
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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 **