Experiment Number: **G14013**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Crude MCHM**
CAS Number: **CRUDEMCHM**

Date Report Requested: **09/23/2018**
Time Report Requested: **15:45:57**

NTP Study Number:	G14013
Study Duration:	6 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **G14013**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Crude MCHM**

CAS Number: **CRUDEMCHM**

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

Time Report Requested: **15:45:57**

Tissue: Blood; Sex: Male; 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]	6	0.667 ± 0.054		6	0.095 ± 0.014		2.401 ± 0.209	
0.1	6	0.692 ± 0.104	0.5030	6	0.131 ± 0.016	0.5233	2.369 ± 0.098	1.0000
1.0	6	0.642 ± 0.077	0.5866	6	0.110 ± 0.023	1.0000	2.363 ± 0.109	1.0000
10.0	5	0.770 ± 0.099	0.5636	5	0.156 ± 0.051	0.6209	2.724 ± 0.165	1.0000
100.0	5	0.600 ± 0.055	0.5834	5	0.129 ± 0.033	1.0000	2.088 ± 0.101	0.6977
300.0	6	0.708 ± 0.103	0.5698	6	0.236 ± 0.076	0.0893	2.297 ± 0.113	0.6816
500.0	6	0.668 ± 0.096	0.5777	6	0.223 ± 0.050	0.0307	2.313 ± 0.140	0.6871
Trend p-Value		0.5146			0.0049 *		0.3837	

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: Corn Oil

** END OF REPORT **