Experiment Number: **F89655**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2-Propenamide, N-(3-(dimethylamino)propyl)-2-methyl-**
CAS Number: **5205-93-6**

Date Report Requested: **09/23/2018**
Time Report Requested: **10:13:30**

NTP Study Number:	F89655
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 4; 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]	5	2.500 ± 0.221		5	1.326 ± 0.033		2.014 ± 0.088	
250.0	5	2.050 ± 0.149	0.7450	5	1.279 ± 0.032	0.7128	2.140 ± 0.071	0.6494
500.0	5	2.600 ± 0.135	0.4535	5	1.306 ± 0.010	0.7694	2.141 ± 0.105	0.7694
1000.0	3	2.817 ± 0.585	0.2711	3	1.428 ± 0.050	0.0285	1.846 ± 0.077	0.2848
Trend p-Value		0.1221			0.0293		0.2750	
Positive Control[2]	5	19.730 ± 1.406	0.0044 *	5	1.636 ± 0.053	< 0.001 *	0.764 ± 0.173	0.0086 *

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: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **