Experiment Number: **G14011**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Rat/Harlan Sprague Dawley**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Propylene glycol phenyl ether**
CAS Number: **770-35-4**

Date Report Requested: **09/23/2018**
Time Report Requested: **15:41:45**

NTP Study Number:	G14011
Study Duration:	6 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **G14011**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Propylene glycol phenyl ether**

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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	0.567 ± 0.117		6	0.121 ± 0.017		1.950 ± 0.139	
1.0	6	0.408 ± 0.069	1.0000	6	0.151 ± 0.070	1.0000	2.352 ± 0.091	0.1152
10.0	6	0.817 ± 0.311	1.0000	6	0.339 ± 0.193	1.0000	2.526 ± 0.072	0.1361
100.0	6	0.550 ± 0.071	1.0000	6	0.141 ± 0.026	1.0000	2.178 ± 0.066	0.1443
500.0	6	0.500 ± 0.050	1.0000	6	0.089 ± 0.018	1.0000	2.295 ± 0.162	0.1483
1000.0	4	0.525 ± 0.145	1.0000	4	0.082 ± 0.020	1.0000	1.484 ± 0.101	0.0041 *
Trend p-Value		0.4037			0.8740		< 0.001 *	

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 **