Experiment Number: **G12103C**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Oral gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Vinpocetine**
CAS Number: **42971-09-5**

Date Report Requested: **09/26/2018**
Time Report Requested: **12:58:16**

NTP Study Number:	G12103C
Study Duration:	3 day
Study Methodology:	Flow cytometry
Female Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**
Route: **Oral gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
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CAS Number: **42971-09-5**

Date Report Requested: **09/26/2018**
Time Report Requested: **12:58:16**

Tissue: Blood; Sex: Female; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000			MN NCE/1000		% PCE	
Dose (mg/kg/day)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	1.890 ± 0.100		5	1.263 ± 0.021		1.495 ± 0.114	
350	5	2.180 ± 0.082	0.1245	5	1.214 ± 0.033	1.0000	1.274 ± 0.105	0.2639
500	5	2.080 ± 0.197	0.1503	5	1.184 ± 0.032	1.0000	1.398 ± 0.132	0.3197
750	5	2.150 ± 0.094	0.1605	5	1.233 ± 0.056	1.0000	1.220 ± 0.064	0.3384
900	5	2.020 ± 0.144	0.1650	5	1.276 ± 0.017	1.0000	1.438 ± 0.074	0.3491
Trend p-Value		0.2128			0.3689		0.4755	
Positive Control[2]	5	21.850 ± 0.927	0.0045 *	5	1.245 ± 0.021	0.6197	0.507 ± 0.036	< 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: 0.5% Methylcellulose
2: 200 mg/kg/day Ethyl Methanesulfonate

** END OF REPORT **