Experiment Number: **G10512**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Epichlorhydrin**
CAS Number: **106-89-8**

Date Report Requested: **09/23/2018**
Time Report Requested: **14:46:34**

NTP Study Number:	G10512
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **G10512**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Epichlorhydrin**

CAS Number: **106-89-8**

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

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Tissue: Blood; Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 28 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	2.322 ± 0.174		5	1.463 ± 0.031		1.539 ± 0.076	
50.0	5	2.319 ± 0.178	0.7075	5	1.462 ± 0.033	0.5741	1.443 ± 0.098	0.4222
100.0	5	1.852 ± 0.220	0.7905	5	1.440 ± 0.033	0.6609	1.440 ± 0.086	0.4974
200.0	4	2.228 ± 0.262	0.7580	4	1.494 ± 0.020	0.3218	1.004 ± 0.068	< 0.001 *
Trend p-Value		0.7232			0.2684		< 0.001 *	
Positive Control[2]	5	10.883 ± 0.462	< 0.001 *	5	1.716 ± 0.028	< 0.001 *	0.967 ± 0.098	0.0025 *

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
2: 150.0 mg/kg Ethyl Methane Sulfonate

** END OF REPORT **