Experiment Number: **F38356**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N-Ethyl Acetoacetamide**
CAS Number: **10138-46-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **16:21:52**

NTP Study Number:	F38356
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **F38356**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **N-Ethyl Acetoacetamide**

CAS Number: **10138-46-2**

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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	2.900 ± 0.395		5	1.474 ± 0.051		1.220 ± 0.068	
1000.0	5	3.230 ± 0.125	0.3910	5	1.436 ± 0.023	0.6471	1.175 ± 0.048	1.0000
1500.0	5	2.950 ± 0.182	0.4632	5	1.481 ± 0.034	0.7085	1.236 ± 0.081	0.9736
1750.0	5	2.830 ± 0.235	0.4919	5	1.436 ± 0.028	0.7448	1.309 ± 0.057	0.4438
Trend p-Value		0.5547			0.6679		0.4303	
Positive Control[2]	5	19.710 ± 0.394	< 0.001 *	5	1.784 ± 0.035	< 0.001 *	0.312 ± 0.047	0.0090 *

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 **