Experiment Number: **F12449**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **3-Oxobutanamide**
CAS Number: **5977-14-0**

Date Report Requested: **09/21/2018**
Time Report Requested: **15:17:29**

NTP Study Number:	F12449
Study Duration:	4 Days
Study Methodology:	Flow Cytometry
Male Study Result:	Negative

Experiment Number: **F12449**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

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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	2.434 ± 0.144		5	1.469 ± 0.016		1.324 ± 0.049	
1000.0	5	2.350 ± 0.152	0.7950	5	1.479 ± 0.018	0.4296	1.549 ± 0.049	0.0743
1500.0	5	2.070 ± 0.115	0.8681	5	1.525 ± 0.047	0.2783	1.708 ± 0.136	0.0163 *
2000.0	5	2.540 ± 0.078	0.3610	5	1.500 ± 0.063	0.2954	1.518 ± 0.080	0.4034
Trend p-Value		0.5620			0.2120		0.0802	
Positive Control[2]	5	16.730 ± 1.677	0.0045 *	5	1.822 ± 0.049	< 0.001 *	0.479 ± 0.054	< 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: Saline
2: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **