Experiment Number: **A93116**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Butyraldehyde**
CAS Number: **123-72-8**

Date Report Requested: **09/21/2018**
Time Report Requested: **11:23:38**

NTP Study Number:	A93116
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A93116**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Butyraldehyde**

CAS Number: **123-72-8**

Date Report Requested: **09/21/2018**

Time Report Requested: **11:23:38**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (g/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.89 ± 0.19	
0.075	9	2.03 ± 0.19	0.2360
0.15	10	1.62 ± 0.11	0.9342
0.3	10	1.82 ± 0.10	0.6537
0.6	10	1.55 ± 0.13	0.9725
1.2	5	2.12 ± 0.07	0.1601
Trend p-Value		0.4200	

Trial Summary: Negative

Experiment Number: **A93116**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Butyraldehyde**
CAS Number: **123-72-8**

Date Report Requested: **09/21/2018**
Time Report Requested: **11:23:38**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (g/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.38 ± 0.13	
0.075	9	1.23 ± 0.15	0.7667
0.15	7	1.42 ± 0.21	0.4372
0.3	9	1.27 ± 0.20	0.7053
0.6	10	1.32 ± 0.05	0.6102
1.2	4	1.56 ± 0.20	0.2586
Trend p-Value		0.2370	

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
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Solvent

** END OF REPORT **