Experiment Number: **A56067**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/TGAC (FVB/N) HEMIZYGOUS**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Aspartame**
CAS Number: **22839-47-0**

Date Report Requested: **09/20/2018**
Time Report Requested: **19:51:15**

NTP Study Number:	A56067
Study Duration:	39 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A56067**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/TGAC (FVB/N) HEMIZYGOUS**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Aspartame**

CAS Number: **22839-47-0**

Date Report Requested: **09/20/2018**

Time Report Requested: **19:51:15**

Tissue: Blood; Sex: Male; Number of Treatments: 273; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	9	0.67 ± 0.25	
3125.0	11	0.82 ± 0.18	0.2909
6250.0	8	1.38 ± 0.31	0.0196
12500.0	12	0.88 ± 0.29	0.2254
25000.0	11	0.86 ± 0.12	0.2406
50000.0	10	0.95 ± 0.17	0.1670
Trend p-Value		0.4010	

Trial Summary: Negative

Experiment Number: **A56067**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/TGAC (FVB/N) HEMIZYGOUS**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Aspartame**

CAS Number: **22839-47-0**

Date Report Requested: **09/20/2018**

Time Report Requested: **19:51:15**

Tissue: Blood; Sex: Female; Number of Treatments: 273; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	11	0.77 ± 0.21	
3125.0	10	0.60 ± 0.15	0.7495
6250.0	8	0.75 ± 0.16	0.5316
12500.0	9	0.89 ± 0.22	0.3436
25000.0	11	0.77 ± 0.18	0.5000
50000.0	9	1.22 ± 0.29	0.0759
Trend p-Value		0.0280	

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: Feed

** END OF REPORT **