Experiment Number: **A99134**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/TGAC (FVB/N) HEMIZYGOUS**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Acesulfame potassium**
CAS Number: **55589-62-3**

Date Report Requested: **09/21/2018**
Time Report Requested: **14:17:20**

NTP Study Number:	A99134
Study Duration:	39 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A99134**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acesulfame potassium**

CAS Number: **55589-62-3**

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

Time Report Requested: **14:17:20**

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

		MN NCE/1000	
Dose (%)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	13	1.42 ± 0.19	
0.3	11	1.59 ± 0.18	0.3180
1.0	13	1.62 ± 0.23	0.2867
3.0	13	1.58 ± 0.19	0.3252
Trend p-Value		0.3910	

Trial Summary: Negative

Experiment Number: **A99134**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Acesulfame potassium**

CAS Number: **55589-62-3**

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

Time Report Requested: **14:17:20**

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

		MN NCE/1000	
Dose (%)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	12	1.29 ± 0.16	
0.3	12	1.13 ± 0.22	0.7004
1.0	12	1.17 ± 0.27	0.6520
3.0	12	1.58 ± 0.23	0.1995
Trend p-Value		0.0980	

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 **