Experiment Number: **A92009**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyl trans-styryl ketone**
CAS Number: **1896-62-4**

Date Report Requested: **09/21/2018**
Time Report Requested: **10:45:05**

NTP Study Number:	A92009
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A92009**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Methyl trans-styryl ketone**

CAS Number: **1896-62-4**

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

Time Report Requested: **10:45:05**

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

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.40 ± 0.19		2.22 ± 0.12
87.5	5	1.20 ± 0.54	0.6527	2.04 ± 0.26
175.0	5	0.80 ± 0.34	0.8997	1.96 ± 0.23
350.0	5	1.00 ± 0.27	0.7930	2.06 ± 0.25
Trend p-Value		0.8210		

Trial Summary: Negative

Experiment Number: **A92009**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Methyl trans-styryl ketone**
CAS Number: **1896-62-4**

Date Report Requested: **09/21/2018**
Time Report Requested: **10:45:05**

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

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	0.80 ± 0.12		1.70 ± 0.09
87.5	5	0.70 ± 0.20	0.6019	2.38 ± 0.18
175.0	5	0.50 ± 0.22	0.7974	1.70 ± 0.17
350.0	5	0.30 ± 0.12	0.9342	2.32 ± 0.23
Trend p-Value		0.9440		

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: 95% Ethanol

** END OF REPORT **