Experiment Number: **163220**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Sulfapyridine**
CAS Number: **144-83-2**

Date Report Requested: **09/19/2018**
Time Report Requested: **13:36:12**

NTP Study Number:	163220
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Positive (Nonstandard Protocol)

Experiment Number: **163220**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sulfapyridine**

CAS Number: **144-83-2**

Date Report Requested: **09/19/2018**

Time Report Requested: **13:36:12**

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; 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	3.20 ± 0.60		44.50 ± 5.19
1000.0	5	7.50 ± 1.13	0.0011 *	36.70 ± 3.81
1500.0	5	8.60 ± 0.83	< 0.001 *	37.00 ± 2.30
2000.0	5	9.60 ± 1.89	< 0.001 *	37.20 ± 7.41
Trend p-Value		< 0.001 *		
Positive Control[2]	5	10.30 ± 1.59	< 0.001 *	29.30 ± 4.98

Trial Summary: Positive (Nonstandard Protocol)

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: Corn Oil
2: 12.5 mg/kg Dimethylbenzanthracene

** END OF REPORT **