

Experiment Number: 635845

Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

G06: Ames Summary Data

Test Compound: **Sulfapyridine**

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

Date Report Requested: **09/10/2018**

Time Report Requested: **23:02:26**

NTP Study Number:

635845

Study Result:

Negative

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Test Compound: Sulfapyridine

CAS Number: 144-83-2

Date Report Requested: 09/10/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	92 ± 3.2	127 ± 3.8	144 ± 2.6	146 ± 4.1	94 ± 2.0
33.0	88 ± 5.4	157 ± 0.9	148 ± 6.2	148 ± 2.5	89 ± 3.8
100.0	81 ± 0.0	151 ± 13.1	124 ± 8.1	141 ± 9.4	88 ± 2.2
333.0	65 ± 2.0	116 ± 9.5	118 ± 3.5	120 ± 4.5	77 ± 10.8
1000.0	45 ± 5.4	83 ± 2.4	105 ± 9.1	78 ± 11.8	58 ± 1.2
2000.0		17 ± 3.2 ^s		3 ± 1.2 ^s	
3333.0	3 ± 1.5 ^s		21 ± 6.6 ^s		5 ± 0.9 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		459 ± 3.9	231 ± 12.2	1668 ± 59.5	870 ± 32.8
Positive Control ³	363 ± 9.0				

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Mutagenicity**Test Compound: **Sulfapyridine**

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CAS Number: 144-83-2

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	11 ± 1.5	11 ± 2.5	12 ± 1.9	14 ± 1.3	14 ± 1.5
33.0	15 ± 1.9	12 ± 0.3	13 ± 1.9	14 ± 0.0	10 ± 1.0
100.0	11 ± 0.3	11 ± 2.3	10 ± 1.7	14 ± 1.2	9 ± 1.5
333.0	8 ± 1.9	6 ± 1.8	9 ± 1.0	8 ± 0.0	8 ± 1.7
1000.0	5 ± 0.3	9 ± 2.2	5 ± 1.0	9 ± 2.7	6 ± 0.3
2000.0	1 ± 0.9 ^s	1 ± 0.6 ^s	3 ± 0.9 ^s	1 ± 0.9 ^s	1 ± 0.9 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		49 ± 2.5	52 ± 1.7	103 ± 5.7	244 ± 2.4
Positive Control ⁴	166 ± 18.0				

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Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**Test Compound: **Sulfapyridine**

Time Report Requested: 23:02:26

CAS Number: 144-83-2

Strain: TA97

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	102 ± 3.1	101 ± 5.6	93 ± 4.5	97 ± 2.3	92 ± 8.2
33.0	111 ± 2.6	97 ± 6.4	102 ± 4.5	91 ± 2.5	103 ± 7.6
100.0	101 ± 5.2	93 ± 1.0	83 ± 2.5	83 ± 7.6	126 ± 5.6
333.0	89 ± 3.4	80 ± 1.2	84 ± 2.3	75 ± 1.2	79 ± 11.8
1000.0	70 ± 4.1	11 ± 1.8 ^s	53 ± 9.5	15 ± 0.7 ^s	53 ± 4.3
2000.0	2 ± 0.9 ^s	1 ± 0.9 ^s	4 ± 2.0 ^s	0 ± 0.0 ^s	8 ± 1.5 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		209 ± 6.9	228 ± 14.4	658 ± 10.7	621 ± 3.2
Positive Control ⁵	1191 ± 59.6				

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Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **Sulfapyridine**

Time Report Requested: 23:02:26

CAS Number: 144-83-2

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 2.1	40 ± 3.8	24 ± 1.8	38 ± 4.3	18 ± 2.3
33.0	24 ± 1.2	42 ± 3.6	19 ± 2.7	48 ± 2.1	29 ± 3.0
100.0	24 ± 3.1	34 ± 1.5	19 ± 3.8	47 ± 2.3	22 ± 4.2
333.0	17 ± 1.0	33 ± 4.2	21 ± 1.9	37 ± 1.8	23 ± 2.4
1000.0	11 ± 1.0	28 ± 3.5	11 ± 1.2	41 ± 5.3	13 ± 0.3
2000.0		2 ± 1.7 ^s		4 ± 0.7 ^s	
3333.0	1 ± 0.9 ^s		2 ± 2.0 ^s		0 ± 0.0 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		490 ± 11.2	160 ± 8.5	1503 ± 47.2	657 ± 17.9
Positive Control ⁶	253 ± 16.0				

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LEGEND

Values given as Mean or Mean \pm Standard Error Mean

The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations

CAS Number = Chemical Abstracts Service registry number

1: Vehicle Control: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 100.0 ug/Plate Methyl Methane Sulfonate

4: 1.0 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 1.0 ug/Plate 2-Nitrofluorene

s: Slight Toxicity

**** END OF REPORT ****