

Experiment Number: 759488

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

G06: Ames Summary Data

Test Compound: **5-Aminosalicylic acid**

CAS Number: **89-57-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **15:27:30**

NTP Study Number:

759488

Study Result:

Negative

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G06: Ames Summary Data

Test Compound: 5-Aminosalicylic acid

CAS Number: 89-57-6

Date Report Requested: 09/17/2018

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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	87 ± 1.7	146 ± 5.2	125 ± 4.3	140 ± 3.2	86 ± 2.3
50.0	86 ± 1.8	145 ± 2.7	89 ± 5.2	133 ± 4.6	90 ± 1.7
166.7	89 ± 3.5	167 ± 4.3	112 ± 7.9	122 ± 11.5	88 ± 1.2
500.0	83 ± 2.0	173 ± 3.2	118 ± 5.5	113 ± 4.2	123 ± 1.8
1666.7	81 ± 1.9	160 ± 0.6	141 ± 6.7	116 ± 4.4	119 ± 2.6
5000.0	93 ± 11.5	127 ± 2.0	83 ± 6.5	112 ± 1.9	82 ± 7.8
Trial Summary	Negative	Negative	Negative	Negative	Equivocal
Positive Control ²		556 ± 8.2	227 ± 9.7	1744 ± 28.1	683 ± 11.0
Positive Control ³	336 ± 29.7				

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Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **5-Aminosalicylic acid**

Time Report Requested: 15:27:30

CAS Number: 89-57-6

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	12 ± 0.3	9 ± 2.6	14 ± 2.6	14 ± 0.6
50.0	16 ± 2.3	15 ± 1.2	13 ± 0.0	17 ± 1.5	17 ± 1.9
166.7	14 ± 0.9	14 ± 1.5	15 ± 0.6	21 ± 1.3	12 ± 1.0
500.0	15 ± 2.5	16 ± 2.0	15 ± 4.3	13 ± 4.1	14 ± 1.3
1666.7	16 ± 1.0	16 ± 1.7	11 ± 2.7	11 ± 2.4	15 ± 1.5
5000.0	16 ± 0.9	16 ± 1.9	15 ± 2.0	12 ± 2.7	13 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		47 ± 0.0	51 ± 0.9	120 ± 6.8	217 ± 3.0
Positive Control ⁴	122 ± 1.9				

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Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**Test Compound: **5-Aminosalicylic acid**

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CAS Number: 89-57-6

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	89 ± 3.5	99 ± 5.5	92 ± 5.0	96 ± 3.2	89 ± 4.9
50.0	90 ± 1.5	97 ± 2.9	88 ± 2.7	100 ± 5.3	83 ± 0.7
166.7	89 ± 4.6	109 ± 4.3	86 ± 4.6	100 ± 7.9	113 ± 11.3
500.0	89 ± 5.3	105 ± 4.0	88 ± 0.9	105 ± 10.9	84 ± 1.8
1666.7	89 ± 5.0	114 ± 11.6	85 ± 3.3	103 ± 4.3	88 ± 1.0
5000.0	95 ± 10.9	81 ± 6.6	71 ± 3.9	91 ± 4.7	81 ± 5.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		221 ± 8.4	225 ± 7.0	693 ± 26.9	600 ± 42.9
Positive Control ⁵	1450 ± 219.8				

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Test Compound: 5-Aminosalicylic acid

CAS Number: 89-57-6

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Time Report Requested: 15:27:30

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	19 ± 0.6	38 ± 5.2	32 ± 4.1	42 ± 3.7	15 ± 2.0
50.0	19 ± 2.2	40 ± 0.3	31 ± 4.2	41 ± 2.5	15 ± 1.5
166.7	15 ± 2.0	50 ± 2.0	27 ± 4.6	33 ± 1.8	29 ± 1.8
500.0	19 ± 3.1	39 ± 2.8	36 ± 0.5	34 ± 0.7	17 ± 0.6
1666.7	11 ± 1.7	36 ± 1.0	32 ± 1.0	29 ± 3.5	17 ± 1.5
5000.0	15 ± 0.0	35 ± 3.5	22 ± 2.1	33 ± 1.5	5 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²		613 ± 26.0	138 ± 4.2	1569 ± 27.4	611 ± 31.4
Positive Control ⁶	168 ± 4.9				

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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

**** END OF REPORT ****