

Experiment Number: 888552

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

G06: Ames Summary Data

Test Compound: **3-Aminophenol**

CAS Number: **591-27-5**

Date Report Requested: **09/16/2018**

Time Report Requested: **20:14:00**

NTP Study Number:

888552

Study Result:

Positive

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Test Compound: 3-Aminophenol
CAS Number: 591-27-5

Date Report Requested: 09/16/2018
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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	98 ± 4.9	89 ± 2.1	87 ± 8.8
100.0	93 ± 4.9	103 ± 5.7	103 ± 9.2
333.0	98 ± 7.4	96 ± 2.5	97 ± 4.1
1000.0	103 ± 3.3	101 ± 1.5	106 ± 4.0
3333.0	96 ± 4.3	88 ± 6.5	109 ± 0.7
10000.0	82 ± 2.5	85 ± 6.0	94 ± 3.8
Trial Summary	Negative	Negative	Negative
Positive Control ²		1158 ± 24.3	2104 ± 77.1
Positive Control ³	349 ± 14.0		

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	19 ± 2.1	6 ± 2.0	8 ± 2.0
100.0	20 ± 2.2	8 ± 2.7	8 ± 2.7
333.0	21 ± 1.2	9 ± 0.9	7 ± 1.7
1000.0	19 ± 2.2	9 ± 0.9	8 ± 1.9
3333.0	21 ± 3.9	6 ± 1.0	11 ± 1.5
10000.0	23 ± 2.3	5 ± 1.5	5 ± 0.9
Trial Summary	Negative	Negative	Negative
Positive Control ³	295 ± 7.7		
Positive Control ⁴		413 ± 14.2	712 ± 43.0

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Strain: TA97

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	133 ± 7.5	143 ± 4.1	147 ± 1.3
100.0	125 ± 4.5	151 ± 6.7	131 ± 12.7
333.0	133 ± 10.4	146 ± 11.6	132 ± 6.2
1000.0	122 ± 1.3	170 ± 8.1	124 ± 11.3
3333.0	114 ± 9.3	141 ± 14.8	137 ± 12.3
10000.0	105 ± 9.8	135 ± 4.6	140 ± 4.3
Trial Summary	Negative	Negative	Negative
Positive Control ⁴		764 ± 15.1	743 ± 21.7
Positive Control ⁵	673 ± 11.5		

Experiment Number: 888552

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: 3-Aminophenol

CAS Number: 591-27-5

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Strain: TA98

Dose (ug/Plate)	Without S9	With 5% Rat S9	With 10% Rat S9	With 10% Rat S9	With 30% Rat S9
Vehicle Control ¹	13 ± 2.4	22 ± 0.3	24 ± 2.3	37 ± 5.0	20 ± 4.4
100.0	11 ± 2.9		23 ± 3.0		
333.0	14 ± 1.8	20 ± 2.0	29 ± 3.6	34 ± 3.0	19 ± 1.2
1000.0	10 ± 2.9	21 ± 0.9	23 ± 4.9	35 ± 1.2	17 ± 2.4
3333.0	9 ± 4.5	27 ± 2.7	29 ± 2.3	32 ± 5.2	15 ± 4.7
6666.0		29 ± 6.0		36 ± 4.0	12 ± 0.3
10000.0	10 ± 1.5	34 ± 2.6	41 ± 5.3	46 ± 2.5	13 ± 3.5
Trial Summary	Negative	Negative	Equivocal	Negative	Negative
Positive Control ²			333 ± 19.5	408 ± 20.3	
Positive Control ⁶	519 ± 12.3				

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Strain: TA98

Dose (ug/Plate)	With 5% Hamster S9	With 10% Hamster S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	22 ± 1.3	25 ± 2.4	30 ± 4.6	35 ± 6.9
100.0		31 ± 3.1		
333.0	29 ± 2.6	30 ± 3.8	30 ± 1.2	36 ± 1.7
1000.0	34 ± 4.4	34 ± 3.0	39 ± 5.5	35 ± 3.3
3333.0	38 ± 2.2	36 ± 6.3	63 ± 1.8	43 ± 7.3
6666.0	53 ± 3.2		68 ± 4.5	39 ± 1.2
10000.0	45 ± 5.1	72 ± 6.6	86 ± 4.0	37 ± 15.6
Trial Summary	Positive	Equivocal	Positive	Negative
Positive Control ²		838 ± 55.9	1187 ± 29.6	
Positive Control ⁶				

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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: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****