

Experiment Number: 785855

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

G06: Ames Summary Data

Test Compound: **2,3,6-Trichlorophenol**

CAS Number: **933-75-5**

Date Report Requested: **09/18/2018**

Time Report Requested: **05:28:44**

NTP Study Number:

785855

Study Result:

Negative

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Test Compound: 2,3,6-Trichlorophenol

CAS Number: 933-75-5

Date Report Requested: 09/18/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	95 ± 6.8	93 ± 5.9	96 ± 4.8	81 ± 6.2	96 ± 3.9
1.0		98 ± 8.7	97 ± 4.4		90 ± 0.7
3.3	81 ± 0.7	103 ± 7.5	86 ± 7.8	77 ± 8.0	93 ± 5.9
10.0	80 ± 4.4	96 ± 6.1	96 ± 6.1	88 ± 5.8	94 ± 6.4
33.0	79 ± 7.8	88 ± 3.0	94 ± 6.4	89 ± 4.8	81 ± 3.2
100.0	71 ± 7.4	78 ± 5.8	80 ± 5.6	92 ± 5.9	87 ± 4.4
333.0	6 ± 3.8			57 ± 2.9	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					614 ± 52.3
Positive Control ³	358 ± 15.3	349 ± 16.7			
Positive Control ⁴			632 ± 11.7		
Positive Control ⁵					
Positive Control ⁶				789 ± 33.5	

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CAS Number: **933-75-5**

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	97 ± 6.6
1.0	
3.3	84 ± 4.2
10.0	86 ± 4.6
33.0	80 ± 9.6
100.0	90 ± 7.9
333.0	12 ± 0.9
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	2236 ± 79.9
Positive Control ⁶	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	23 ± 2.8	18 ± 0.9	12 ± 2.3	13 ± 0.6	7 ± 1.5
1.0		25 ± 5.7	16 ± 0.9		10 ± 1.5
3.3	18 ± 1.7	24 ± 1.0	9 ± 1.7	13 ± 0.7	10 ± 0.9
10.0	23 ± 3.6	19 ± 2.6	8 ± 1.9	12 ± 2.1	8 ± 2.6
33.0	21 ± 0.6	24 ± 3.2	8 ± 3.5	10 ± 0.7	9 ± 2.1
100.0	16 ± 2.9	22 ± 4.1	9 ± 1.5	8 ± 1.2	9 ± 1.2
333.0	5 ± 1.5			5 ± 0.3	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					44 ± 15.5
Positive Control ³	212 ± 14.9	254 ± 24.7			
Positive Control ⁵					
Positive Control ⁶			130 ± 2.6	126 ± 7.5	

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Test Compound: **2,3,6-Trichlorophenol**

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Date Report Requested: **09/18/2018**

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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	12 ± 1.5
1.0	
3.3	12 ± 3.0
10.0	11 ± 1.5
33.0	10 ± 1.0
100.0	9 ± 2.0
333.0	6 ± 0.3
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁵	94 ± 10.7
Positive Control ⁶	

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

Test Compound: 2,3,6-Trichlorophenol

CAS Number: 933-75-5

Date Report Requested: 09/18/2018

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Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	7 ± 1.2	6 ± 0.9	8 ± 0.6
3.3	7 ± 0.3	9 ± 1.2	8 ± 1.2
10.0	8 ± 1.2	7 ± 2.4	8 ± 0.0
33.0	7 ± 0.6	3 ± 0.6	6 ± 0.3
100.0	4 ± 0.9	4 ± 0.3	6 ± 0.7
333.0	1 ± 0.6	4 ± 1.2	1 ± 0.3
Trial Summary	Negative	Negative	Negative
Positive Control ⁷		48 ± 2.2	251 ± 11.0
Positive Control ⁸	18 ± 3.1		

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G06: Ames Summary Data

Test Compound: 2,3,6-Trichlorophenol

CAS Number: 933-75-5

Date Report Requested: 09/18/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	95 ± 7.8	84 ± 9.3	118 ± 4.7	173 ± 14.8	107 ± 6.1
1.0		91 ± 1.5	118 ± 6.4		97 ± 4.8
3.3	88 ± 0.9	87 ± 0.6	125 ± 4.9	181 ± 4.5	101 ± 6.1
10.0	72 ± 7.3	77 ± 3.8	109 ± 3.8	178 ± 5.3	101 ± 3.8
33.0	76 ± 3.8	79 ± 7.3	114 ± 5.5	174 ± 10.8	85 ± 9.4
100.0	0 ± 0.3	1 ± 0.3	26 ± 1.7	90 ± 7.3	69 ± 2.7
333.0	0 ± 0.0			57 ± 5.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴					905 ± 7.2
Positive Control ⁶			1177 ± 12.0		
Positive Control ⁷				459 ± 13.9	
Positive Control ⁹	215 ± 4.0	353 ± 24.0			

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	157 ± 3.5
1.0	
3.3	163 ± 12.3
10.0	172 ± 9.1
33.0	183 ± 14.7
100.0	184 ± 14.6
333.0	73 ± 8.5
Trial Summary	Negative
Positive Control ⁴	
Positive Control ⁶	
Positive Control ⁷	1418 ± 9.0
Positive Control ⁹	

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Test Compound: 2,3,6-Trichlorophenol

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	17 ± 1.3	16 ± 0.3	28 ± 5.0	25 ± 1.7	23 ± 3.8
1.0		12 ± 2.2	24 ± 1.7		22 ± 2.5
3.3	14 ± 2.3	15 ± 2.5	25 ± 3.2	25 ± 3.2	21 ± 1.0
10.0	18 ± 1.5	15 ± 1.2	26 ± 1.0	25 ± 2.0	21 ± 4.1
33.0	16 ± 1.5	14 ± 1.0	26 ± 1.5	25 ± 3.8	24 ± 4.2
100.0	17 ± 3.2	12 ± 2.6	20 ± 1.0	21 ± 2.4	24 ± 1.5
333.0	10 ± 1.8			15 ± 0.7	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ¹⁰					192 ± 3.8
Positive Control ²			210 ± 9.9		
Positive Control ¹¹	158 ± 6.9	162 ± 8.8			
Positive Control ⁵				125 ± 14.7	

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	37 ± 4.6
1.0	
3.3	29 ± 2.5
10.0	30 ± 5.9
33.0	25 ± 3.2
100.0	27 ± 2.2
333.0	14 ± 1.8
Trial Summary	Negative
Positive Control ¹⁰	
Positive Control ²	859 ± 25.2
Positive Control ¹¹	
Positive Control ⁵	

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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: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 2-Aminoanthracene

6: 2.0 ug/Plate 2-Aminoanthracene

7: 2.5 ug/Plate 2-Aminoanthracene

8: 4.0 ug/Plate 9-Aminoacridine

9: 8.0 ug/Plate 9-Aminoacridine

10: 0.2 ug/Plate 2-Aminoanthracene

11: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****