

Experiment Number: 512154

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

G06: Ames Summary Data

Test Compound: **2,5-Dichloroaniline**

CAS Number: **95-82-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **11:27:34**

NTP Study Number:

512154

Study Result:

Negative

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G06: Ames Summary Data

Test Compound: 2,5-Dichloroaniline

CAS Number: 95-82-9

Date Report Requested: 09/12/2018

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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	140 ± 6.7	123 ± 9.6	159 ± 7.2	131 ± 8.3	140 ± 5.5
3.0		124 ± 1.2		138 ± 4.4	
10.0	133 ± 8.6	126 ± 5.9		128 ± 13.3	
33.0	136 ± 9.5	131 ± 17.4	140 ± 5.9	146 ± 10.8	120 ± 9.9
100.0	121 ± 4.4	124 ± 6.9	155 ± 15.5	143 ± 8.0	127 ± 9.3
333.0	72 ± 3.8	0 ± 0.0 ^s	129 ± 9.4	105 ± 1.5	127 ± 0.3
1000.0	Toxic		22 ± 22.0 ^s		84 ± 13.7 ^s
3333.0			Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			890 ± 36.9	686 ± 74.1	1251 ± 85.5
Positive Control ³	270 ± 25.4	457 ± 18.9			

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	122 ± 12.5
3.0	132 ± 9.0
10.0	146 ± 3.5
33.0	155 ± 8.0
100.0	150 ± 4.9
333.0	149 ± 9.2
1000.0	
3333.0	
Trial Summary	Negative
Positive Control ²	1741 ± 65.4
Positive Control ³	

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Test Compound: 2,5-Dichloroaniline

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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	20 ± 0.6	24 ± 2.3	11 ± 2.5	19 ± 3.5	9 ± 3.5
3.0		21 ± 3.8		16 ± 3.4	
10.0	26 ± 2.6	17 ± 3.5		15 ± 1.2	
33.0	16 ± 1.0	20 ± 5.1	6 ± 0.9	14 ± 3.2	6 ± 0.9
100.0	25 ± 0.9	27 ± 0.6	7 ± 2.4	15 ± 1.8	7 ± 1.3
333.0	20 ± 4.3	0 ± 0.0 ^s	9 ± 3.5	14 ± 2.3	7 ± 1.2
1000.0	Toxic		Toxic		0 ± 0.0 ^s
3333.0			Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	128 ± 5.9	505 ± 21.2			
Positive Control ⁴			256 ± 15.9	133 ± 9.6	387 ± 7.3

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Test Compound: **2,5-Dichloroaniline**

CAS Number: **95-82-9**

Date Report Requested: **09/12/2018**

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Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	10 ± 1.0
3.0	6 ± 0.6
10.0	6 ± 1.0
33.0	7 ± 0.9
100.0	7 ± 3.4
333.0	5 ± 0.9
1000.0	
3333.0	
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	363 ± 10.7

Experiment Number: 512154

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

Test Compound: 2,5-Dichloroaniline

CAS Number: 95-82-9

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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	161 ± 8.7	108 ± 2.3	203 ± 10.4	176 ± 13.4	226 ± 11.0
3.0		130 ± 6.7		200 ± 12.1	
10.0	175 ± 7.4	122 ± 4.8		177 ± 13.4	
33.0	170 ± 13.9	119 ± 9.6	176 ± 6.4	186 ± 2.8	221 ± 2.3
100.0	171 ± 4.8	124 ± 7.3	205 ± 14.9	158 ± 17.6	225 ± 13.5
333.0	110 ± 5.9	46 ± 16.7 ^s	164 ± 7.0	171 ± 15.0	222 ± 8.1
1000.0	Toxic		Toxic		33 ± 32.7 ^s
3333.0			Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			930 ± 4.9	512 ± 7.6	1151 ± 32.7
Positive Control ⁵	381 ± 22.5	1074 ± 5.4			

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	156 ± 4.7
3.0	147 ± 5.6
10.0	152 ± 9.6
33.0	167 ± 8.5
100.0	156 ± 2.6
333.0	166 ± 15.5
1000.0	
3333.0	
Trial Summary	Negative
Positive Control ⁴	904 ± 28.4
Positive Control ⁵	

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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	15 ± 1.2	15 ± 1.8	25 ± 4.5	22 ± 2.5	29 ± 4.4
3.0		13 ± 3.5		21 ± 3.6	
10.0	18 ± 3.2	14 ± 2.7		17 ± 1.8	
33.0	11 ± 2.3	18 ± 3.2	27 ± 4.9	23 ± 4.8	26 ± 2.9
100.0	13 ± 2.5	13 ± 2.3	28 ± 2.3	22 ± 2.2	26 ± 1.2
333.0	6 ± 0.9	0 ± 0.0 ^s	28 ± 5.8	21 ± 3.6	32 ± 3.8
1000.0	Toxic		0 ± 0.0 ^s		0 ± 0.0 ^s
3333.0			Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			718 ± 74.8	355 ± 21.6	1029 ± 13.6
Positive Control ⁶	545 ± 27.6	707 ± 8.4			

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	18 ± 1.9
3.0	20 ± 3.5
10.0	21 ± 2.9
33.0	22 ± 2.5
100.0	21 ± 2.9
333.0	31 ± 2.4
1000.0	
3333.0	
Trial Summary	Negative
Positive Control ²	1465 ± 31.8
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

s: Slight Toxicity

**** END OF REPORT ****