

Experiment Number: **G06048**

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

G06: Ames Summary Data

Test Compound: **2',2'''-Dithiobisbenzanilide**

CAS Number: **135-57-9**

Date Report Requested: **09/15/2018**

Time Report Requested: **21:47:33**

NTP Study Number:

G06048

Study Result:

Negative

Experiment Number: G06048

G06: Ames Summary Data

Date Report Requested: 09/15/2018

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: 2',2'''-Dithiobisbenzanilide

Time Report Requested: 21:47:33

CAS Number: 135-57-9

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	99 ± 2.6	79 ± 8.1	108 ± 4.2	101 ± 5.6	100 ± 4.2
25.0	98 ± 3.0	89 ± 4.7	123 ± 4.0	94 ± 6.8	
50.0	90 ± 5.5	86 ± 12.9	125 ± 9.2	89 ± 6.1	
100.0	96 ± 5.0	90 ± 3.8	118 ± 5.2	108 ± 3.7	
250.0	117 ± 17.9	78 ± 6.0	112 ± 6.2	110 ± 1.2	
500.0	102 ± 6.2 ^P	84 ± 5.8	96 ± 7.5	111 ± 3.7	
1500.0	102 ± 7.4 ^P	98 ± 5.6 ^P	96 ± 15.5	47 ± 5.2	111 ± 7.6 ^P
2000.0					106 ± 5.2 ^P
2500.0					112 ± 4.0 ^P
3000.0					99 ± 4.5 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	792 ± 8.6	772 ± 59.8			
Positive Control ³			2239 ± 111.6	2049 ± 191.1	1477 ± 148.8

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	25 ± 4.8	29 ± 1.7	29 ± 3.2	29 ± 2.3	24 ± 3.2
25.0	26 ± 2.3	32 ± 2.9	38 ± 5.9	39 ± 1.3	
50.0	28 ± 0.3	32 ± 3.3	39 ± 0.3	35 ± 3.4	
100.0	21 ± 2.7	27 ± 2.3	38 ± 3.2	36 ± 3.1	
250.0	40 ± 11.4	28 ± 5.2	29 ± 3.0	26 ± 4.3	
500.0	39 ± 11.5	22 ± 0.3 ^P	36 ± 7.5	32 ± 3.5	
1500.0	12 ± 3.7 ^P	24 ± 2.9 ^P	38 ± 1.2	22 ± 4.3	23 ± 1.8 ^P
2000.0					21 ± 2.3 ^P
2500.0					28 ± 1.8 ^P
3000.0					29 ± 2.0 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴					1069 ± 20.8
Positive Control ⁵			1715 ± 110.8	1988 ± 82.4	
Positive Control ⁶	655 ± 11.8				
Positive Control ⁷		712 ± 26.6			

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: 2',2'''-Dithiobisbenzanilide

Time Report Requested: 21:47:33

CAS Number: 135-57-9

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	142 ± 13.6	150 ± 2.8	193 ± 3.0	187 ± 11.1	186 ± 7.7
25.0	140 ± 6.4	144 ± 9.8	184 ± 18.7	197 ± 9.8	
50.0	154 ± 14.6	161 ± 9.2	195 ± 4.6	195 ± 16.1	
100.0	147 ± 3.7	170 ± 4.7	206 ± 11.6	200 ± 5.2	
250.0	172 ± 6.6	150 ± 6.0	211 ± 1.5	186 ± 3.5	
500.0	117 ± 3.8 ^P	137 ± 8.8 ^P	201 ± 7.9	194 ± 7.0	
1500.0	133 ± 2.6 ^P	151 ± 1.5 ^P	225 ± 13.9	228 ± 18.9	188 ± 8.8 ^P
2000.0					196 ± 5.4 ^P
2500.0					181 ± 11.5 ^P
3000.0					174 ± 5.2 ^P
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁸			1443 ± 5.2	1410 ± 56.6	1294 ± 40.6
Positive Control ⁹	951 ± 64.1	910 ± 10.8			

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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 Sodium Azide
- 3: 2.5 ug/Plate 2-Aminoanthracene
- 4: 1.0 ug/Plate 2-Aminoanthracene
- 5: 2.0 ug/Plate 2-Aminoanthracene
- 6: 3.0 ug/Plate 2-Nitrofluorene
- 7: 3.0 ug/Plate 2-Aminoanthracene
- 8: 20.0 ug/Plate 2-Aminoanthracene
- 9: 100.0 ug/Plate Methyl Methane Sulfonate
- p: Precipitate

**** END OF REPORT ****