

Experiment Number: 899698

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Diisodecyl phthalate

CAS Number: 26761-40-0

Date Report Requested: 09/16/2018

Time Report Requested: 22:50:36

NTP Study Number:

899698

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	144 ± 17.8	161 ± 10.3	98 ± 4.4	177 ± 2.0	124 ± 2.9
100.0	119 ± 7.9	167 ± 2.1	103 ± 7.5	159 ± 1.7	129 ± 6.7
333.0	116 ± 11.5	158 ± 6.2	101 ± 1.9	164 ± 3.2	129 ± 4.8
1000.0	107 ± 12.3	146 ± 5.2	108 ± 8.8	155 ± 8.5	112 ± 8.4
3333.0	128 ± 10.0	160 ± 5.2	100 ± 2.4	163 ± 8.0	130 ± 1.5
10000.0	121 ± 1.5	164 ± 2.7	113 ± 11.0	160 ± 10.3	129 ± 3.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					968 ± 24.5
Positive Control ³			1175 ± 15.0	1146 ± 86.3	
Positive Control ⁴	970 ± 40.7	1107 ± 47.1			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	159 ± 8.1
100.0	147 ± 2.8
333.0	143 ± 1.0
1000.0	152 ± 1.7
3333.0	151 ± 8.0
10000.0	152 ± 5.6
Trial Summary	Negative
Positive Control ²	1172 ± 14.5
Positive Control ³	
Positive Control ⁴	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	28 ± 1.9	27 ± 4.8	23 ± 1.5	32 ± 3.3	34 ± 1.7
100.0	25 ± 3.0	33 ± 4.9	25 ± 5.2	26 ± 2.3	21 ± 3.2
333.0	25 ± 2.9	29 ± 2.2	20 ± 2.2	26 ± 4.2	20 ± 4.4
1000.0	36 ± 1.9	26 ± 2.4	30 ± 4.3	24 ± 3.7	25 ± 2.3
3333.0	30 ± 7.2	36 ± 3.3	24 ± 6.7	24 ± 0.9	28 ± 3.2
10000.0	28 ± 3.8	28 ± 5.0	23 ± 2.5	21 ± 1.2	25 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					86 ± 6.8
Positive Control ³			77 ± 8.0	81 ± 2.8	
Positive Control ⁴	818 ± 38.6	856 ± 24.5			

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	22 ± 1.9
100.0	24 ± 0.3
333.0	23 ± 1.5
1000.0	19 ± 3.8
3333.0	22 ± 1.7
10000.0	20 ± 2.7
Trial Summary	Negative
Positive Control ²	73 ± 8.6
Positive Control ³	
Positive Control ⁴	

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Date Report Requested: 09/16/2018

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 2.3	6 ± 1.2	6 ± 0.9	13 ± 1.3	8 ± 2.0
100.0	5 ± 0.6	8 ± 2.3	5 ± 1.0	13 ± 1.2	13 ± 2.2
333.0	8 ± 0.9	5 ± 2.5	6 ± 0.3	7 ± 1.7	8 ± 2.9
1000.0	4 ± 1.2	7 ± 1.2	6 ± 0.7	7 ± 1.2	7 ± 1.8
3333.0	4 ± 0.3	6 ± 1.5	6 ± 1.7	9 ± 1.0	8 ± 1.0
10000.0	4 ± 1.5	7 ± 1.5	4 ± 0.7	9 ± 0.7	9 ± 3.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					49 ± 4.5
Positive Control ³			77 ± 4.2	102 ± 10.8	
Positive Control ⁵	289 ± 19.1	91 ± 8.7			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	9 ± 1.5
100.0	6 ± 1.2
333.0	8 ± 0.6
1000.0	8 ± 0.7
3333.0	5 ± 0.3
10000.0	7 ± 0.9
Trial Summary	Negative
Positive Control ²	78 ± 4.4
Positive Control ³	
Positive Control ⁵	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	59 ± 2.8	21 ± 3.9	22 ± 1.5	73 ± 2.9	36 ± 0.3
100.0	53 ± 4.5	24 ± 1.7	22 ± 2.7	71 ± 4.9	31 ± 3.5
333.0	73 ± 6.3	21 ± 3.8	23 ± 2.3	62 ± 3.5	30 ± 1.8
1000.0	56 ± 7.8	22 ± 3.5	23 ± 4.6	64 ± 4.9	30 ± 3.5
3333.0	58 ± 3.4	24 ± 6.2	22 ± 2.0	58 ± 3.4	35 ± 1.2
10000.0	50 ± 3.8	18 ± 3.7	19 ± 0.6	68 ± 2.9	30 ± 2.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					
Positive Control ³				955 ± 38.1	794 ± 16.1
Positive Control ⁶	1269 ± 18.7	1182 ± 20.6	1517 ± 20.1		

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Strain: TA98

Dose (ug/Plate)	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	34 ± 2.2	72 ± 8.1	31 ± 1.2	36 ± 2.8
100.0	33 ± 2.3	78 ± 7.7	32 ± 2.3	32 ± 0.6
333.0	28 ± 4.7	67 ± 6.1	32 ± 3.8	32 ± 2.1
1000.0	34 ± 0.6	68 ± 1.9	38 ± 5.0	29 ± 0.7
3333.0	36 ± 3.8	66 ± 11.2	36 ± 2.7	33 ± 2.1
10000.0	34 ± 3.5	65 ± 4.2	34 ± 3.7	30 ± 5.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²		770 ± 40.3	1145 ± 13.5	1108 ± 55.1
Positive Control ³	948 ± 36.3			
Positive Control ⁶				

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

G06: Ames Summary Data

Test Compound: **Diisodecyl phthalate**

CAS Number: **26761-40-0**

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

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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: 95% Ethanol

2: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****