

Experiment Number: 221813

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

G06: Ames Summary Data

Test Compound: **Triclocarban**

CAS Number: **101-20-2**

Date Report Requested: **09/14/2018**

Time Report Requested: **21:31:32**

NTP Study Number:

221813

Study Result:

Negative

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Test Compound: Triclocarban

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Date Report Requested: 09/14/2018

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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	118 ± 12.3	118 ± 11.7	105 ± 8.5	146 ± 4.4	111 ± 1.8
0.01		125 ± 0.9			
0.03	108 ± 9.2	107 ± 2.7			
0.1	106 ± 3.0	107 ± 2.9			
0.3	108 ± 3.5	128 ± 9.2			102 ± 6.7
1.0	86 ± 2.6	121 ± 9.3	113 ± 6.4	118 ± 3.5	114 ± 13.2
3.0	0 ± 0.0 ^s		107 ± 9.3	127 ± 12.5	97 ± 2.6
10.0			104 ± 7.0	129 ± 9.8	95 ± 5.0
33.0			103 ± 5.5	140 ± 7.8	51 ± 4.2
100.0			86 ± 2.4	58 ± 8.6	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	383 ± 14.9	297 ± 16.9			
Positive Control ³			922 ± 112.2	1638 ± 60.4	1784 ± 26.1

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	133 ± 7.2
0.01	
0.03	
0.1	
0.3	129 ± 5.0
1.0	112 ± 12.9
3.0	115 ± 9.2
10.0	115 ± 7.9
33.0	88 ± 1.2
100.0	
Trial Summary	Negative
Positive Control ²	
Positive Control ³	2174 ± 37.4

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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	36 ± 1.9	32 ± 2.3	13 ± 3.5	6 ± 1.2	11 ± 2.1
0.01		29 ± 2.4			
0.03	38 ± 1.2	33 ± 3.7			
0.1	36 ± 2.5	28 ± 2.1			
0.3	35 ± 2.9	28 ± 6.4			11 ± 1.9
1.0	15 ± 0.7	22 ± 1.9	10 ± 2.1	8 ± 0.6	12 ± 2.7
3.0	8 ± 2.9 ^s		7 ± 0.7	8 ± 0.0	9 ± 3.0
10.0			8 ± 1.9	10 ± 2.0	9 ± 0.6
33.0			7 ± 0.6	7 ± 0.6	5 ± 1.3
100.0			5 ± 1.5	3 ± 0.9	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²	395 ± 21.7	404 ± 28.2			
Positive Control ⁴			211 ± 18.1	535 ± 23.0	492 ± 17.2

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Date Report Requested: 09/14/2018
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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	16 ± 1.8
0.01	
0.03	
0.1	
0.3	12 ± 2.6
1.0	14 ± 0.6
3.0	9 ± 2.3
10.0	8 ± 0.6
33.0	6 ± 3.0
100.0	
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	691 ± 15.2

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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	4 ± 0.9	7 ± 0.3	7 ± 0.3	6 ± 1.2	9 ± 0.9
0.01		6 ± 0.9			
0.03	6 ± 2.0	6 ± 1.7			
0.1	5 ± 1.2	6 ± 0.3			
0.3	5 ± 1.2	7 ± 0.3			10 ± 0.0
1.0	4 ± 1.3	5 ± 1.0	9 ± 0.3	6 ± 1.5	9 ± 0.9
3.0	0 ± 0.0 ^s		6 ± 1.5	10 ± 0.3	8 ± 1.2
10.0			7 ± 1.5	8 ± 0.7	6 ± 0.3
33.0			6 ± 1.2	9 ± 0.7	3 ± 0.9
100.0			4 ± 0.6	4 ± 0.7	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			132 ± 20.3	509 ± 19.9	408 ± 11.7
Positive Control ⁵	186 ± 19.4	443 ± 51.6			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.6
0.01	
0.03	
0.1	
0.3	5 ± 1.2
1.0	6 ± 1.2
3.0	6 ± 0.7
10.0	8 ± 1.5
33.0	5 ± 1.3
100.0	
Trial Summary	Negative
Positive Control ⁴	125 ± 7.3
Positive Control ⁵	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	21 ± 1.5	13 ± 2.6	23 ± 2.3	31 ± 3.3	36 ± 2.5
0.01		19 ± 2.4			
0.03	18 ± 1.5	16 ± 2.1			
0.1	15 ± 1.2	16 ± 1.5			
0.3	16 ± 1.9	16 ± 0.7			34 ± 2.3
1.0	12 ± 1.0	15 ± 1.5	32 ± 0.3	28 ± 2.5	32 ± 2.4
3.0	0 ± 0.0 ^s		29 ± 5.0	27 ± 2.8	29 ± 3.5
10.0			34 ± 2.0	30 ± 1.8	30 ± 3.7
33.0			32 ± 4.2	33 ± 3.2	29 ± 3.4
100.0			14 ± 5.8	9 ± 1.5	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³			867 ± 11.9	1221 ± 9.9	1629 ± 25.7
Positive Control ⁶	475 ± 5.4	431 ± 38.4			

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Date Report Requested: 09/14/2018
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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	32 ± 0.0
0.01	
0.03	
0.1	
0.3	29 ± 2.7
1.0	23 ± 1.7
3.0	31 ± 1.3
10.0	26 ± 2.3
33.0	20 ± 2.9
100.0	
Trial Summary	Negative
Positive Control ³	1901 ± 39.4
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 Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

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 ****