

Experiment Number: **470384**

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

G06: Ames Summary Data

Test Compound: **Ethyl tellurac**

CAS Number: **20941-65-5**

Date Report Requested: **09/11/2018**

Time Report Requested: **16:01:51**

NTP Study Number:

470384

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	167 ± 11.6	111 ± 17.8	235 ± 11.0	111 ± 3.6	227 ± 14.3
0.033		87 ± 7.8			
0.1		82 ± 4.0			
0.33	147 ± 3.0	88 ± 11.3	263 ± 18.3	129 ± 3.2	255 ± 9.6
1.0	161 ± 11.1	88 ± 16.9	270 ± 8.7	119 ± 3.4	263 ± 5.9
3.3	Toxic	72 ± 2.8	248 ± 8.0	109 ± 4.7	221 ± 1.5
10.0	Toxic		267 ± 24.3	122 ± 8.4	253 ± 4.3
33.0	Toxic		305 ± 8.7	115 ± 9.8	227 ± 2.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1322 ± 58.6	688 ± 41.9	3105 ± 20.3
Positive Control ³	634 ± 40.5	426 ± 54.5			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	113 ± 0.6
0.033	
0.1	
0.33	114 ± 4.7
1.0	119 ± 3.8
3.3	125 ± 12.2
10.0	110 ± 10.2
33.0	120 ± 15.4
Trial Summary	Negative
Positive Control ²	2007 ± 110.3
Positive Control ³	

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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	6 ± 0.3	6 ± 0.6	6 ± 0.6	9 ± 1.8	8 ± 0.9
0.1		7 ± 1.5			
0.33	12 ± 4.5	10 ± 0.7	6 ± 0.6	13 ± 2.1	6 ± 1.0
1.0	4 ± 0.3	2 ± 1.0	6 ± 0.3	10 ± 0.6	7 ± 1.2
3.3	4 ± 0.3	Toxic	7 ± 1.2	15 ± 2.6	8 ± 0.7
10.0	Toxic	Toxic	5 ± 0.3	9 ± 1.3	7 ± 1.7
33.0	Toxic		5 ± 0.3	11 ± 2.7	8 ± 1.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			137 ± 11.5	56 ± 8.7	319 ± 39.0
Positive Control ³	834 ± 35.9	617 ± 23.0			

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	14 ± 3.5
0.1	
0.33	12 ± 1.0
1.0	13 ± 1.2
3.3	15 ± 0.9
10.0	11 ± 0.7
33.0	11 ± 2.2
Trial Summary	Negative
Positive Control ²	93 ± 4.2
Positive Control ³	

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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	5 ± 0.7	13 ± 2.1	7 ± 0.9	11 ± 0.3
0.033		3 ± 0.9			
0.1		3 ± 1.5			
0.33	3 ± 0.6	2 ± 1.2	15 ± 2.5	9 ± 0.3	4 ± 0.3
1.0	3 ± 0.7	Toxic	23 ± 3.0	6 ± 3.3	4 ± 0.6
3.3	Toxic	Toxic	13 ± 1.9	4 ± 1.5	8 ± 1.7
10.0	Toxic		14 ± 1.8	6 ± 1.2	8 ± 0.9
33.0	Toxic		14 ± 1.5	5 ± 1.8	11 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			212 ± 28.9	31 ± 2.3	688 ± 63.8
Positive Control ⁴	697 ± 43.2	662 ± 65.2			

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	6 ± 2.2
0.033	
0.1	
0.33	4 ± 1.9
1.0	5 ± 1.5
3.3	4 ± 0.9
10.0	5 ± 0.7
33.0	7 ± 1.3
Trial Summary	Negative
Positive Control ²	70 ± 3.8
Positive Control ⁴	

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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	17 ± 3.3	13 ± 1.9	25 ± 1.5	18 ± 3.5	24 ± 2.4
0.33	13 ± 2.6	7 ± 1.7	23 ± 3.5	21 ± 2.2	23 ± 0.6
1.0	10 ± 2.0	7 ± 0.7	27 ± 0.0	20 ± 1.3	21 ± 1.0
3.3	5 ± 0.0	6 ± 1.2	17 ± 0.3	21 ± 4.6	26 ± 2.8
10.0	2 ± 0.0	Toxic	15 ± 2.6	15 ± 2.1	15 ± 2.0
33.0	1 ± 0.3	Toxic	18 ± 2.2	25 ± 6.1	24 ± 2.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			536 ± 77.7	318 ± 35.8	2249 ± 112.8
Positive Control ⁵	339 ± 14.6	144 ± 11.7			

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	21 ± 1.7
0.33	24 ± 2.1
1.0	24 ± 3.8
3.3	25 ± 1.2
10.0	14 ± 1.8
33.0	15 ± 3.2
Trial Summary	Negative
Positive Control ²	1836 ± 16.1
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: 1.0 ug/Plate 2-Aminoanthracene
- 3: 3.3 ug/Plate Sodium Azide
- 4: 33.0 ug/Plate 9-Aminoacridine
- 5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****