

Experiment Number: **655694**

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

G06: Ames Summary Data

Test Compound: **2-Methoxyethyl acetate**

CAS Number: **110-49-6**

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

Time Report Requested: **11:05:23**

NTP Study Number:

655694

Study Result:

Weakly Positive

Experiment Number: 655694

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2-Methoxyethyl acetate
CAS Number: 110-49-6

Date Report Requested: 09/11/2018

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	115 ± 4.2	102 ± 5.2	130 ± 13.1	121 ± 3.5	141 ± 6.0
100.0	111 ± 6.8			132 ± 5.7	124 ± 3.5
333.0	104 ± 6.6	106 ± 6.8		126 ± 2.2	124 ± 3.2
1000.0	118 ± 6.4	117 ± 6.1		137 ± 5.9	133 ± 5.5
3333.0	113 ± 4.6	110 ± 2.9	127 ± 4.3	135 ± 3.8	137 ± 11.0
5000.0		105 ± 10.2	154 ± 1.2		
7000.0			208 ± 7.8		
7500.0		168 ± 11.0			
7750.0			233 ± 12.7		
8500.0			253 ± 15.6		
9250.0			262 ± 15.7		
10000.0	237 ± 1.2	239 ± 14.0	305 ± 10.0	135 ± 4.4	107 ± 0.9
Trial Summary	Equivocal	Weakly Positive	Positive	Negative	Negative
Positive Control ²	505 ± 13.8	475 ± 29.0	568 ± 21.2		
Positive Control ³					694 ± 15.0
Positive Control ⁴				1148 ± 56.6	

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Strain: TA1535

Dose (ug/Plate)	Without S9
Vehicle Control ¹	24 ± 4.0
3333.0	21 ± 2.2
5000.0	15 ± 2.3
7000.0	22 ± 4.8
7750.0	29 ± 3.2
8500.0	28 ± 3.7
9250.0	24 ± 3.8
10000.0	34 ± 2.6
Trial Summary	Negative
Positive Control ²	395 ± 9.7

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	21 ± 0.3	25 ± 2.0	27 ± 1.0
100.0	24 ± 4.4	24 ± 2.4	27 ± 0.9
333.0	20 ± 2.0	24 ± 2.4	29 ± 2.0
1000.0	22 ± 2.9	23 ± 2.7	32 ± 3.8
3333.0	17 ± 2.9	32 ± 0.9	24 ± 4.4
10000.0	23 ± 0.9	34 ± 3.8	25 ± 2.4
Trial Summary	Negative	Negative	Negative
Positive Control ³		358 ± 4.0	418 ± 27.9
Positive Control ⁵	356 ± 19.8		

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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: Water

2: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****