

Experiment Number: 506757

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

G06: Ames Summary Data

Test Compound: **Ethylene glycol monoethyl ether acetate**

CAS Number: 111-15-9

Date Report Requested: **09/12/2018**

Time Report Requested: **05:58:18**

NTP Study Number:

506757

Study Result:

Positive

Experiment Number: 506757

Test Type: Genetic Toxicology - Bacterial Mutagenicity

G06: Ames Summary Data

Test Compound: Ethylene glycol monoethyl ether acetate
CAS Number: 111-15-9

Date Report Requested: 09/12/2018

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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	112 ± 7.9	106 ± 6.9		133 ± 5.0	119 ± 6.5
Vehicle Control ²			130 ± 7.5		
100.0	113 ± 1.5			152 ± 4.3	133 ± 6.1
333.0	111 ± 3.4	128 ± 5.8	127 ± 5.3	175 ± 4.3	146 ± 9.3
1000.0	153 ± 5.5	223 ± 8.1	132 ± 8.2	153 ± 9.0	115 ± 4.1
3333.0	189 ± 3.5	246 ± 11.7	179 ± 4.9	152 ± 7.4	122 ± 2.2
6667.0		282 ± 11.9	213 ± 15.6		
10000.0	182 ± 6.4	261 ± 4.7	325 ± 16.7	149 ± 10.6	119 ± 8.7
Trial Summary	Weakly Positive	Positive	Positive	Equivocal	Negative
Positive Control ³	573 ± 16.7	587 ± 15.4	573 ± 8.2		
Positive Control ⁴					1180 ± 221.7
Positive Control ⁵				1741 ± 239.9	

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Test Compound: Ethylene glycol monoethyl ether acetate
CAS Number: 111-15-9

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Time Report Requested: 05:58:18

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	15 ± 2.8		15 ± 1.7	30 ± 2.8	32 ± 2.0
Vehicle Control ²		14 ± 2.0			
100.0	15 ± 1.5			31 ± 4.4	33 ± 4.6
333.0	18 ± 0.3	24 ± 2.2	15 ± 2.1	23 ± 2.5	31 ± 3.5
1000.0	25 ± 1.0	24 ± 0.7	19 ± 3.8	33 ± 7.1	43 ± 2.6
3333.0	43 ± 2.0	27 ± 2.0	39 ± 4.4	29 ± 2.5	30 ± 1.5
6667.0		41 ± 2.1	45 ± 1.7		
10000.0	36 ± 4.5	65 ± 7.0	41 ± 2.9	37 ± 3.5	32 ± 1.8
Trial Summary	Positive	Positive	Positive	Negative	Negative
Positive Control ³		351 ± 18.5			
Positive Control ⁴				763 ± 24.2	1028 ± 8.7
Positive Control ⁶	544 ± 110.7		322 ± 11.8		

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G06: Ames Summary Data

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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: Vehicle Control: Water

3: 0.5 ug/Plate Sodium Azide

4: 1.0 ug/Plate 2-Aminoanthracene

5: 2.0 ug/Plate 2-Aminoanthracene

6: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****