

Experiment Number: **A87523**

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

**G06: Ames Summary Data**

Test Compound: **Allyl acetate**

CAS Number: **591-87-7**

Date Report Requested: **09/18/2018**

Time Report Requested: **04:48:21**

**NTP Study Number:**

**A87523**

**Study Result:**

**Positive**

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**Strain: TA100**

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Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	100 ± 2.6	97 ± 2.3	117 ± 3.5	113 ± 6.6
10.0			117 ± 2.0	108 ± 3.2
33.0			113 ± 2.9	109 ± 3.1
100.0			107 ± 3.5	114 ± 3.1
333.0	98 ± 1.5	100 ± 2.1	64 ± 2.6 <sup>s</sup>	68 ± 3.0 <sup>s</sup>
1000.0	104 ± 4.1	104 ± 2.3	Toxic	Toxic
3333.0	131 ± 3.7	129 ± 4.1		
6666.0	178 ± 2.3	180 ± 7.8		
10000.0	187 ± 4.4	175 ± 5.0		
Trial Summary	Weakly Positive	Weakly Positive	Negative	Negative
Positive Control <sup>2</sup>			578 ± 5.5	666 ± 11.1
Positive Control <sup>3</sup>	635 ± 5.0	591 ± 11.4		

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Strain: TA1535

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Dose (ug/Plate)	Without S9
Vehicle Control <sup>1</sup>	16 ± 2.6
333.0	20 ± 2.3
1000.0	27 ± 0.9
3333.0	57 ± 2.4
6666.0	128 ± 5.7
10000.0	139 ± 3.5
Trial Summary	Positive
Positive Control <sup>3</sup>	307 ± 4.1

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	19 ± 2.6	28 ± 1.5	27 ± 3.7
10.0		26 ± 1.5	28 ± 1.7
33.0		23 ± 2.9	30 ± 1.5
100.0		23 ± 1.2	29 ± 2.0
333.0	18 ± 1.3	10 ± 1.7 <sup>s</sup>	15 ± 1.8
1000.0	21 ± 0.7	Toxic	Toxic
3333.0	22 ± 1.7		
6666.0	17 ± 2.5		
10000.0	17 ± 1.2		
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>		349 ± 17.4	446 ± 21.7
Positive Control <sup>4</sup>	317 ± 9.2		

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#### LEGEND

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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: 1.0 ug/Plate Sodium Azide

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

s: Slight Toxicity

\*\* END OF REPORT \*\*