

Experiment Number: A45510

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

G06: Ames Summary Data

Test Compound: **Allyl acetate**

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

Date Report Requested: **09/17/2018**

Time Report Requested: **01:13:35**

NTP Study Number:

A45510

Study Result:

Positive

Experiment Number: A45510

G06: Ames Summary Data

Date Report Requested: 09/17/2018

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: Allyl acetate

Time Report Requested: 01:13:35

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	115 ± 3.2	92 ± 7.5	80 ± 1.5	124 ± 3.5	114 ± 3.5
3.0				120 ± 2.6	101 ± 10.9
10.0				113 ± 1.5	104 ± 5.1
33.0	118 ± 2.3			115 ± 3.5	111 ± 5.0
100.0	108 ± 7.1			120 ± 3.5	99 ± 11.9
333.0	111 ± 2.2			87 ± 7.3	104 ± 9.4
666.0		89 ± 12.8	83 ± 3.0		
1000.0	112 ± 2.9	89 ± 8.6	78 ± 2.3		
1666.0		105 ± 2.0	95 ± 2.5		
3333.0	157 ± 10.9	143 ± 9.9	116 ± 4.6		
6666.0		172 ± 10.9	141 ± 5.5		
Trial Summary	Equivocal	Weakly Positive	Weakly Positive	Negative	Negative
Positive Control ²					415 ± 10.5
Positive Control ³	870 ± 14.7	900 ± 50.9	829 ± 11.4		
Positive Control ⁴				366 ± 7.6	

Experiment Number: A45510

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Allyl acetate

CAS Number: 591-87-7

Date Report Requested: 09/17/2018

Time Report Requested: 01:13:35

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	12 ± 1.5	9 ± 1.5	14 ± 3.2	12 ± 2.2
3.0			12 ± 1.5	11 ± 1.8
10.0			13 ± 2.2	9 ± 0.6
33.0	9 ± 2.2		10 ± 1.8	10 ± 0.9
100.0	10 ± 3.3		10 ± 2.0	10 ± 0.7
333.0	16 ± 0.9	15 ± 0.9	10 ± 1.5	11 ± 1.5
666.0		21 ± 4.2		
1000.0	27 ± 3.2	33 ± 4.4		
1666.0		38 ± 5.2		
3333.0	42 ± 2.3	63 ± 3.5		
Trial Summary	Positive	Positive	Negative	Negative
Positive Control ³	851 ± 15.6	732 ± 7.9		
Positive Control ⁴				198 ± 14.3
Positive Control ⁵			138 ± 8.4	

Experiment Number: A45510
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Allyl acetate
CAS Number: 591-87-7

Date Report Requested: 09/17/2018
Time Report Requested: 01:13:35

Strain: TA97

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	151 ± 46.9	137 ± 4.3	145 ± 9.1
3.0		121 ± 3.3	143 ± 6.9
10.0		131 ± 5.2	140 ± 3.8
33.0	120 ± 11.4	130 ± 2.3	134 ± 2.9
100.0	123 ± 6.7	129 ± 4.6	123 ± 12.7
333.0	103 ± 8.3	107 ± 2.3	106 ± 7.7
1000.0	112 ± 4.9		
3333.0	127 ± 13.7		
Trial Summary	Negative	Negative	Negative
Positive Control ²			409 ± 8.5
Positive Control ⁴		374 ± 10.7	
Positive Control ⁶	392 ± 11.9		

Experiment Number: A45510
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Allyl acetate
CAS Number: 591-87-7

Date Report Requested: 09/17/2018
Time Report Requested: 01:13:35

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	15 ± 1.2	25 ± 2.3	20 ± 1.5
3.0		16 ± 2.1	25 ± 3.8
10.0		18 ± 1.8	21 ± 1.5
33.0	14 ± 0.9	22 ± 1.9	26 ± 2.9
100.0	15 ± 3.4	19 ± 1.2	21 ± 2.6
333.0	18 ± 1.9	17 ± 1.5	16 ± 1.8
1000.0	14 ± 2.2		
3333.0	17 ± 2.0		
Trial Summary	Negative	Negative	Negative
Positive Control ²			328 ± 21.0
Positive Control ⁷	374 ± 13.0		
Positive Control ⁴		187 ± 15.1	

Experiment Number: A45510

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

G06: Ames Summary Data

Test Compound: **Allyl acetate**

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

Date Report Requested: **09/17/2018**

Time Report Requested: **01:13:35**

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: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate Sodium Azide

4: 5.0 ug/Plate 2-Aminoanthracene

5: 10.0 ug/Plate 2-Aminoanthracene

6: 50.0 ug/Plate 9-Aminoacridine

7: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****