

Experiment Number: A12955

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

G06: Ames Summary Data

Test Compound: **Resveratrol**

CAS Number: **501-36-0**

Date Report Requested: **06/18/2020**

Time Report Requested: **13:01:58**

NTP Study Number:

A12955

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	126 ± 8.7	147 ± 1.5
33.0	149 ± 2.9	139 ± 4.7
100.0	141 ± 6.4	148 ± 5.0
333.0	137 ± 0.9	136 ± 5.0
1000.0	133 ± 5.2	108 ± 3.9
3333.0	51 ± 14.3	74 ± 21.0
Trial Summary	Negative	Negative
Positive Control ²	434 ± 21.2	
Positive Control ³		929 ± 42.7

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	15 ± 1.3	43 ± 2.5
33.0	13 ± 1.9	25 ± 2.0
100.0	19 ± 1.3	33 ± 2.1
333.0	19 ± 0.7	38 ± 0.9
1000.0	16 ± 1.9	31 ± 2.6
3333.0	14 ± 0.9	34 ± 3.2
Trial Summary	Negative	Negative
Positive Control ⁴		594 ± 29.0
Positive Control ⁵	97 ± 3.8	

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Strain: TA102

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	286 ± 14.1	384 ± 14.6
34.0	288 ± 3.8	389 ± 18.4
102.0	299 ± 7.8	386 ± 11.9
340.0	304 ± 10.8	397 ± 18.7
1019.0	272 ± 28.6	365 ± 42.9
3333.0	132 ± 16.7	180 ± 21.4
Trial Summary	Negative	Negative
Positive Control ⁶		1310 ± 21.9
Positive Control ⁷	930 ± 63.7	

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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

The S9 fraction refers to the liver unless otherwise indicated

1: Vehicle Control: Water

2: 0.5 ug/Plate Sodium Azide

3: 0.75 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-o-phenylenediamine

6: 10.0 ug/Plate Sterigmatocystin

7: 75.0 ug/Plate Mitomycin-C

** END OF REPORT **