

Experiment Number: 916978

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Solvent yellow 14

CAS Number: 842-07-9

Date Report Requested: 09/17/2018

Time Report Requested: 02:35:27

NTP Study Number:

916978

Study Result:

Positive

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Strain: TA97

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	113 ± 22.5	92 ± 4.1	114 ± 6.1	94 ± 2.1
125.0	1297 ± 145.8	935 ± 43.0	1439 ± 54.3	756 ± 28.7
250.0	1053 ± 79.8	814 ± 49.7	1424 ± 13.1	772 ± 2.6
500.0	1176 ± 46.8	765 ± 37.6	1485 ± 36.1	717 ± 15.3
1000.0	203 ± 73.1 ^P	773 ± 11.7 ^P	1570 ± 31.7 ^P	787 ± 98.2 ^P
2000.0	200 ± 24.8 ^S	1203 ± 141.9 ^S	1302 ± 30.6 ^S	1038 ± 36.1 ^S
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	463 ± 8.5	351 ± 21.3	770 ± 43.0	545 ± 26.4

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Strain: TA98

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control ¹	17 ± 0.9	15 ± 1.8	20 ± 1.2	15 ± 2.3
125.0	46 ± 2.0	35 ± 7.4	59 ± 2.2	29 ± 3.4
250.0	43 ± 2.1	47 ± 3.1	56 ± 3.0	29 ± 2.8
500.0	43 ± 6.5	48 ± 0.3	58 ± 4.9	37 ± 1.5
1000.0	45 ± 1.2 ^P	51 ± 0.6 ^P	55 ± 2.9 ^P	41 ± 0.9 ^P
2000.0	38 ± 1.7 ^S	50 ± 0.3 ^S	53 ± 3.0 ^S	32 ± 2.0 ^S
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	526 ± 9.1	811 ± 103.9	841 ± 17.4	1115 ± 9.9

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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: Acetone

2: 1.0 ug/Plate 2-Aminoanthracene

p: Precipitate

s: Slight Toxicity

**** END OF REPORT ****