

Experiment Number: A39068

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Date Report Requested: 09/16/2018

Test Compound: Ethanone, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthalenyl)- (Iso-
E Super; OTNE)

CAS Number: 54464-57-2

NTP Study Number:

A39068

Study Result:

Negative

Experiment Number: A39068

G06: Ames Summary Data

Date Report Requested: 09/16/2018

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

Test Compound: **Ethanone, 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-Naphthalenyl)- (Iso-E Super; OTNE)**

Time Report Requested: 21:19:56

CAS Number: 54464-57-2

Strain: TA100		
Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	144 ± 6.0	
Vehicle Control ²		152 ± 12.4
100.0	122 ± 6.3	153 ± 9.8
333.0	118 ± 8.4	129 ± 7.7
1000.0	125 ± 8.4	115 ± 7.2
3333.0	104 ± 3.2 ^P	94 ± 1.2 ^P
10000.0	117 ± 1.7 ^P	98 ± 8.5 ^P
Trial Summary	Negative	Negative
Positive Control ³	448 ± 9.3	
Positive Control ⁴		3540 ± 2622.7

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ²	19 ± 0.7	29 ± 0.3
100.0	21 ± 0.9	34 ± 4.6
333.0	22 ± 0.6	21 ± 2.9
1000.0	23 ± 2.3	29 ± 1.2
3333.0	23 ± 1.2 ^p	23 ± 3.2 ^p
10000.0	16 ± 0.6 ^p	27 ± 1.7 ^p
Trial Summary	Negative	Negative
Positive Control ⁵		441 ± 196.7
Positive Control ⁶	137 ± 20.5	

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CAS Number: 54464-57-2

Strain: TA102

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ²	293 ± 5.8	396 ± 27.0
100.0	349 ± 10.6	349 ± 15.7
333.0	373 ± 14.4	434 ± 29.2
1000.0	382 ± 18.4	352 ± 15.9
3333.0	352 ± 3.7	322 ± 13.4
10000.0	362 ± 19.7 ^P	320 ± 8.7 ^P
Trial Summary	Negative	Negative
Positive Control ⁷		1495 ± 44.4
Positive Control ⁸	1354 ± 11.9	

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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: Vehicle Control: 100% Ethanol

3: 0.5 ug/Plate Sodium Azide

4: 0.75 ug/Plate 2-Aminoanthracene

5: 0.4 ug/Plate 2-Aminoanthracene

6: 1.0 ug/Plate Other Positive Control

7: 10.0 ug/Plate Sterigmatocystin

8: 75.0 ug/Plate Other Positive Control

p: Precipitate

**** END OF REPORT ****