

Experiment Number: 685439

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Dacarbazine

CAS Number: 4342-03-4

Date Report Requested: 09/13/2018

Time Report Requested: 01:38:22

NTP Study Number:

685439

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9
Vehicle Control ¹	103 ± 5.4	115 ± 4.6	113 ± 6.7	113 ± 1.7
33.0	103 ± 8.2 ^x	143 ± 7.9	141 ± 7.7	150 ± 8.0 ^x
100.0	149 ± 11.8 ^x	154 ± 4.9	151 ± 7.8	167 ± 5.5 ^x
333.0	138 ± 11.6 ^x	143 ± 9.2	148 ± 3.5	169 ± 13.5 ^x
1000.0	182 ± 4.1 ^x	199 ± 11.2	184 ± 6.1	173 ± 19.1 ^x
2500.0	191 ± 0.0 ^x	293 ± 29.1	231 ± 0.6	196 ± 1.5 ^x
Trial Summary	Positive	Positive	Positive	Weakly Positive
Positive Control ²		231 ± 2.7	333 ± 16.3	
Positive Control ³	311 ± 30.5 ^x			379 ± 7.6 ^x

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Strain: TA98

Dose (ug/Plate)	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9
Vehicle Control ¹	12 ± 0.9	15 ± 1.5	23 ± 0.7	18 ± 0.3
33.0	22 ± 1.2	20 ± 2.3 ^x	23 ± 1.7 ^x	25 ± 3.2
100.0	22 ± 3.6	25 ± 2.3 ^x	30 ± 4.8 ^x	21 ± 3.3
333.0	21 ± 6.5	19 ± 2.5 ^x	30 ± 2.7 ^x	24 ± 3.2
1000.0	21 ± 2.1	17 ± 1.9 ^x	29 ± 2.0 ^x	27 ± 4.1
2500.0	28 ± 1.2	25 ± 1.2 ^x	41 ± 5.8 ^x	40 ± 3.4
Trial Summary	Weakly Positive	Negative	Negative	Weakly Positive
Positive Control ²	122 ± 4.2			164 ± 4.0
Positive Control ³		154 ± 2.1 ^x	205 ± 7.8 ^x	

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 240.0 ug/Plate Other Positive Control

x: Slight Toxicity and Precipitate

**** END OF REPORT ****