

Experiment Number: 328289

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Disperse yellow 3

CAS Number: 2832-40-8

Date Report Requested: 09/12/2018

Time Report Requested: 16:23:41

NTP Study Number:

328289

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	107 ± 7.6	100 ± 3.1	118 ± 5.2	102 ± 4.6
67.25	142 ± 8.7 ^x	128 ± 4.7	156 ± 9.1	166 ± 17.6 ^x
134.5	170 ± 4.8 ^x	163 ± 4.0	161 ± 4.7	169 ± 13.4 ^x
269.0	289 ± 6.3 ^x	183 ± 13.0	189 ± 7.7	209 ± 6.1 ^x
538.0	393 ± 22.5 ^x	205 ± 7.8	257 ± 9.3	271 ± 6.2 ^x
1076.0	480 ± 18.0 ^x	223 ± 9.0	314 ± 9.1	267 ± 11.3 ^x
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²		226 ± 4.7	277 ± 25.7	
Positive Control ³	467 ± 18.7 ^x			207 ± 6.7 ^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	30 ± 2.1	35 ± 3.5	15 ± 1.5	16 ± 2.5
67.25	72 ± 7.4	133 ± 7.2 ^x	78 ± 3.7 ^x	84 ± 4.4
134.5	125 ± 5.8	248 ± 7.1 ^x	172 ± 17.5 ^x	131 ± 9.1
269.0	197 ± 7.8	469 ± 11.7 ^x	208 ± 9.9 ^x	243 ± 2.5
538.0	325 ± 12.2	499 ± 25.0 ^x	295 ± 44.1 ^x	289 ± 14.9
1076.0	437 ± 17.0	837 ± 21.7 ^x	510 ± 36.6 ^x	700 ± 15.9
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	152 ± 14.2			167 ± 5.9
Positive Control ³		198 ± 9.7 ^x	107 ± 3.8 ^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 ****