

Experiment Number: 283619

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Phthalocyanine green

CAS Number: 1328-53-6

Date Report Requested: 09/11/2018

Time Report Requested: 15:15:07

NTP Study Number:

283619

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	134 ± 6.0	138 ± 5.0	100 ± 11.9
100.0	122 ± 4.7	131 ± 9.1	96 ± 6.5
333.0	93 ± 5.9 ^P	138 ± 14.7 ^P	109 ± 11.4 ^P
1000.0	103 ± 12.5 ^P	151 ± 6.2 ^P	118 ± 7.8 ^P
3333.0	107 ± 8.3 ^P	145 ± 6.6 ^P	139 ± 8.1 ^P
10000.0	108 ± 9.5 ^P	157 ± 9.0 ^P	140 ± 12.6 ^P
Trial Summary	Negative	Negative	Equivocal
Positive Control ²			397 ± 9.8
Positive Control ³	281 ± 8.0		
Positive Control ⁴		413 ± 6.8	

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 1.2	33 ± 2.7	30 ± 1.2	30 ± 1.5	30 ± 1.8
100.0	20 ± 1.5	27 ± 0.9		41 ± 2.8	27 ± 2.5
333.0	14 ± 2.9 ^P	34 ± 2.4 ^P	36 ± 5.2 ^P	65 ± 0.3 ^P	36 ± 3.2 ^P
1000.0	18 ± 3.2 ^P	49 ± 6.2 ^P	52 ± 5.2 ^P	84 ± 4.1 ^P	59 ± 3.5 ^P
3333.0	20 ± 5.4 ^P	84 ± 4.9 ^P	73 ± 3.9 ^P	106 ± 20.5 ^P	93 ± 6.9 ^P
6666.0			94 ± 3.2 ^P		
10000.0	14 ± 0.7 ^P	96 ± 4.0 ^P	87 ± 5.0 ^P	120 ± 8.8 ^P	130 ± 10.0 ^P
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		95 ± 9.9	162 ± 7.7	238 ± 18.7	309 ± 19.1
Positive Control ⁵	406 ± 1.5				

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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: 1.0 ug/Plate Sodium Azide
- 4: 2.0 ug/Plate 2-Aminoanthracene
- 5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine
- p: Precipitate

**** END OF REPORT ****