

Experiment Number: 239778

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment green 36**

CAS Number: 14302-13-7

Date Report Requested: 09/15/2018

Time Report Requested: 04:57:57

NTP Study Number: 239778

Study Result: Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	125 ± 7.1	145 ± 3.8	145 ± 8.5
100.0	138 ± 6.5	123 ± 7.8	134 ± 14.8
333.0	134 ± 7.5	138 ± 7.8	159 ± 4.2
1000.0	125 ± 11.3	138 ± 8.3	147 ± 10.4
3333.0	115 ± 6.1	141 ± 3.5	135 ± 4.3
10000.0	104 ± 7.0	113 ± 2.8	137 ± 5.7
Trial Summary	Negative	Negative	Negative
Positive Control ²		961 ± 27.1	2024 ± 26.6
Positive Control ³	399 ± 26.2		

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Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	24 ± 2.7	12 ± 2.5	9 ± 2.0
100.0	26 ± 3.8	13 ± 0.3	9 ± 3.0
333.0	19 ± 2.1	11 ± 1.5	10 ± 1.5
1000.0	22 ± 2.8	9 ± 1.2	12 ± 1.5
3333.0	18 ± 5.2	10 ± 1.8	10 ± 1.2
10000.0	13 ± 1.2	10 ± 1.5	7 ± 0.6
Trial Summary	Negative	Negative	Negative
Positive Control ³	501 ± 17.0		
Positive Control ⁴		181 ± 10.4	518 ± 26.6

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Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 2.5	7 ± 1.2	8 ± 2.3	6 ± 0.9	7 ± 1.8
100.0	8 ± 2.6	9 ± 1.2	5 ± 0.0		8 ± 2.5
166.0			7 ± 1.2	11 ± 1.7	
333.0	5 ± 2.5	21 ± 4.7	8 ± 0.6	11 ± 1.9	10 ± 2.6
1000.0	3 ± 0.6	22 ± 2.0	17 ± 1.8	13 ± 3.4	16 ± 1.2
3333.0	2 ± 0.7	22 ± 3.2	19 ± 0.9	18 ± 1.9	17 ± 3.3
6666.0				12 ± 2.2	
10000.0	3 ± 0.9	9 ± 1.2			13 ± 1.8
Trial Summary	Negative	Positive	Weakly Positive	Weakly Positive	Positive
Positive Control ⁴		202 ± 6.9	209 ± 15.0	340 ± 2.9	432 ± 29.7
Positive Control ⁵	201 ± 35.7				

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.6	7 ± 0.9
100.0	9 ± 2.2	
166.0	9 ± 3.2	8 ± 0.6
333.0	8 ± 1.5	9 ± 1.5
1000.0	11 ± 0.7	13 ± 2.5
3333.0	10 ± 1.5	13 ± 2.0
6666.0		11 ± 1.3
10000.0		
Trial Summary	Negative	Equivocal
Positive Control ⁴	276 ± 34.1	169 ± 11.9
Positive Control ⁵		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	19 ± 2.3	30 ± 0.9	30 ± 4.2	29 ± 3.5	28 ± 3.5
100.0	17 ± 1.7	26 ± 2.5	27 ± 5.1	39 ± 4.1	26 ± 1.7
166.0			35 ± 3.3		30 ± 2.1
333.0	17 ± 1.8	54 ± 3.0	44 ± 2.2	57 ± 8.4	36 ± 1.8
1000.0	15 ± 2.1	86 ± 3.5	68 ± 5.9	91 ± 10.3	57 ± 1.2
3333.0	15 ± 2.3	120 ± 26.8	96 ± 1.7	82 ± 14.9	66 ± 0.9
10000.0	12 ± 3.2	59 ± 2.6		80 ± 5.5	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		714 ± 25.8	495 ± 28.3	1619 ± 23.6	1719 ± 32.7
Positive Control ⁶	601 ± 12.6				

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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: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****