

Experiment Number: 839608

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: cis-Dichlorodiamine platinum

CAS Number: 15663-27-1

Date Report Requested: 09/16/2018

Time Report Requested: 00:03:24

NTP Study Number:

839608

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	100 ± 14.9	161 ± 4.2	118 ± 15.6	153 ± 3.2	107 ± 12.3
0.03	127 ± 1.2	162 ± 5.4			
0.1	169 ± 4.1	170 ± 8.8	174 ± 6.1	188 ± 10.1	131 ± 4.8
0.3	216 ± 3.4	239 ± 3.2	229 ± 8.4	248 ± 12.1	220 ± 1.0
1.0	331 ± 2.7	352 ± 7.5	342 ± 9.6	395 ± 18.1	380 ± 15.9
3.0	486 ± 37.5	512 ± 23.7	512 ± 61.3	596 ± 24.6	673 ± 98.5
10.0			695 ± 27.0	795 ± 19.6	891 ± 120.0
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²					462 ± 31.2
Positive Control ³	429 ± 7.8	414 ± 9.6			
Positive Control ⁴			244 ± 6.7	240 ± 9.5	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	152 ± 1.5
0.03	153 ± 7.3
0.1	150 ± 1.7
0.3	204 ± 14.9
1.0	256 ± 19.3
3.0	434 ± 17.9
10.0	
Trial Summary	Positive
Positive Control ²	396 ± 20.3
Positive Control ³	
Positive Control ⁴	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 1.5	20 ± 3.5	29 ± 1.3	29 ± 3.5	27 ± 3.2
0.03	19 ± 4.3				
0.1	25 ± 5.2		27 ± 3.7		28 ± 2.6
0.3	26 ± 0.6	32 ± 4.4	31 ± 2.5		20 ± 2.0
1.0	37 ± 3.8	41 ± 2.5	33 ± 2.9	45 ± 2.9	23 ± 1.5
1.6		55 ± 1.5		45 ± 6.2	
3.0	74 ± 4.4	84 ± 8.2	64 ± 1.5	68 ± 3.0	45 ± 2.5
6.0		97 ± 5.2		96 ± 7.8	
10.0			117 ± 8.5	129 ± 4.8	143 ± 4.3
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²			104 ± 5.9	129 ± 11.2	495 ± 21.7
Positive Control ⁵	372 ± 12.5	470 ± 7.9			

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Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	34 ± 5.0
0.03	
0.1	
0.3	42 ± 4.9
1.0	54 ± 5.5
1.6	
3.0	72 ± 6.3
6.0	76 ± 5.8
10.0	79 ± 3.0
Trial Summary	Positive
Positive Control ²	304 ± 5.3
Positive Control 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: 2.5 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****