

Experiment Number: 793132

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

G06: Ames Summary Data

Test Compound: **Ergotamine tartrate**

CAS Number: **379-79-3**

Date Report Requested: **09/18/2018**

Time Report Requested: **06:16:26**

NTP Study Number:

793132

Study Result:

Negative

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Ergotamine tartrate

CAS Number: 379-79-3

Date Report Requested: 09/18/2018

Time Report Requested: 06:16:26

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	149 ± 8.5	114 ± 6.6	139 ± 8.1	90 ± 0.3	132 ± 6.8
3.3	131 ± 18.1	123 ± 3.8			
10.0	135 ± 2.4	117 ± 5.5	130 ± 3.8	97 ± 5.5	124 ± 9.0
33.0	128 ± 1.3	96 ± 3.8	129 ± 12.5	82 ± 3.9	119 ± 8.1
100.0	123 ± 3.2	106 ± 8.7	133 ± 2.6	103 ± 3.2	120 ± 7.3
333.0	116 ± 14.0 ^s	115 ± 12.7	137 ± 4.2	90 ± 3.6 ^s	112 ± 10.0
1000.0			55 ± 2.0 ^s	13 ± 1.2 ^s	53 ± 2.2 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					1035 ± 60.5
Positive Control ³			1048 ± 18.6	463 ± 17.6	
Positive Control ⁴	1312 ± 33.0	981 ± 32.8			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	104 ± 2.0
3.3	
10.0	90 ± 3.0
33.0	92 ± 3.4
100.0	87 ± 5.0
333.0	87 ± 3.5
1000.0	10 ± 3.1 ^s
Trial Summary	Negative
Positive Control ²	418 ± 18.9
Positive Control ³	
Positive Control ⁴	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	38 ± 0.7	27 ± 5.8	15 ± 3.2	15 ± 1.2	12 ± 2.9
3.3	33 ± 4.9				
10.0	30 ± 3.9	40 ± 3.4	17 ± 3.7		13 ± 1.8
33.0	37 ± 1.2	28 ± 2.7	18 ± 2.3	11 ± 2.4	8 ± 2.0
100.0	30 ± 3.4	23 ± 3.5	14 ± 1.9	14 ± 0.9	14 ± 2.3
333.0	26 ± 2.9	20 ± 3.5	12 ± 1.5	14 ± 2.3	14 ± 2.3
667.0		15 ± 4.3 ^s			
1000.0			14 ± 2.1	8 ± 0.6 ^s	9 ± 1.0
2000.0				2 ± 0.7 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					167 ± 8.5
Positive Control ³			138 ± 4.3	67 ± 6.2	
Positive Control ⁴	997 ± 51.0	861 ± 42.4			

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Test Compound: **Ergotamine tartrate**

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Date Report Requested: **09/18/2018**

Time Report Requested: **06:16:26**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	9 ± 0.3
3.3	
10.0	
33.0	11 ± 0.6
100.0	11 ± 1.5
333.0	10 ± 0.9
667.0	
1000.0	4 ± 1.2 ^s
2000.0	3 ± 0.3 ^s
Trial Summary	Negative
Positive Control ²	63 ± 3.1
Positive Control ³	
Positive Control ⁴	

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Mutagenicity**G06: Ames Summary Data**

Test Compound: Ergotamine tartrate

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	5 ± 1.0	2 ± 0.6	10 ± 2.3	7 ± 2.8	9 ± 1.2
3.3	9 ± 1.0	7 ± 2.6			
10.0	7 ± 1.3	6 ± 1.7	8 ± 0.9	6 ± 1.8	6 ± 0.6
33.0	8 ± 0.9	4 ± 2.3	5 ± 0.0	6 ± 0.7	7 ± 1.7
100.0	6 ± 0.6	6 ± 2.6	5 ± 0.3	7 ± 0.6	8 ± 2.3
333.0	6 ± 0.7 ^s	6 ± 1.2	10 ± 1.0	7 ± 0.6	6 ± 2.1
1000.0			5 ± 1.7 ^s	4 ± 1.2	3 ± 1.9 ^s
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					69 ± 6.1
Positive Control ³			65 ± 0.9	46 ± 0.9	
Positive Control ⁵	623 ± 39.6	171 ± 38.7			

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Test Compound: **Ergotamine tartrate**

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Date Report Requested: **09/18/2018**

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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.0
3.3	
10.0	12 ± 2.6
33.0	6 ± 1.3
100.0	8 ± 2.1
333.0	8 ± 1.5
1000.0	3 ± 0.9
Trial Summary	Negative
Positive Control ²	38 ± 0.7
Positive Control ³	
Positive Control ⁵	

Experiment Number: 793132

Test Type: **Genetic Toxicology - Bacterial Mutagenicity****G06: Ames Summary Data**Test Compound: **Ergotamine tartrate**CAS Number: **379-79-3**Date Report Requested: **09/18/2018**Time Report Requested: **06:16:26****Strain: TA98**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	17 ± 1.2	15 ± 3.8	30 ± 3.5	24 ± 2.1	27 ± 3.5
3.3	14 ± 0.9				
10.0	16 ± 2.4	18 ± 3.0	27 ± 5.0		28 ± 0.3
33.0	15 ± 1.9	16 ± 1.8	33 ± 1.2	29 ± 2.4	30 ± 1.9
100.0	16 ± 3.2	14 ± 0.6	29 ± 0.7	32 ± 2.3	25 ± 5.0
333.0	13 ± 1.0	17 ± 0.9	40 ± 1.7	24 ± 2.3	30 ± 1.8
667.0		14 ± 2.3			
1000.0			34 ± 4.9	26 ± 3.2	33 ± 5.2
2000.0				26 ± 3.6 ^p	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					1027 ± 24.1
Positive Control ³			821 ± 15.9	459 ± 13.1	
Positive Control ⁶	1005 ± 10.6	821 ± 42.3			

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Test Compound: **Ergotamine tartrate**

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Date Report Requested: **09/18/2018**

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	25 ± 4.0
3.3	
10.0	
33.0	24 ± 2.5
100.0	30 ± 1.9
333.0	24 ± 4.2
667.0	
1000.0	31 ± 0.9
2000.0	35 ± 5.0 ^p
Trial Summary	Negative
Positive Control ²	443 ± 21.7
Positive Control ³	
Positive Control 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: 0.75 ug/Plate 2-Aminoanthracene

3: 1.5 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate Sodium Azide

5: 80.0 ug/Plate 9-Aminoacridine

6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

s: Slight Toxicity

**** END OF REPORT ****