

Experiment Number: **A22702**

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

G06: Ames Summary Data

Test Compound: **Pyrogallol**

CAS Number: **87-66-1**

Date Report Requested: **09/16/2018**

Time Report Requested: **10:31:41**

NTP Study Number:

A22702

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	124 ± 4.8	116 ± 7.3	117 ± 3.8	126 ± 10.1	130 ± 7.7
3.0	111 ± 2.5	109 ± 5.0	134 ± 3.2	134 ± 8.1	143 ± 11.9
10.0	156 ± 6.4	143 ± 7.7	174 ± 9.6	214 ± 15.2	167 ± 14.7
33.0	184 ± 8.8	250 ± 7.3	220 ± 7.4	339 ± 38.7	263 ± 21.5
100.0	284 ± 7.0	273 ± 20.0	340 ± 28.4	403 ± 5.2	340 ± 15.0
333.0	206 ± 4.6 ^s	144 ± 18.8 ^s	426 ± 16.6	439 ± 8.8	422 ± 30.2
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²					703 ± 6.1
Positive Control ³			642 ± 25.5	616 ± 3.9	
Positive Control ⁴	925 ± 30.3	845 ± 10.9			

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	109 ± 2.7
3.0	108 ± 8.7
10.0	155 ± 10.9
33.0	342 ± 22.2
100.0	438 ± 7.3
333.0	461 ± 17.0
Trial Summary	Positive
Positive Control ²	656 ± 10.7
Positive Control ³	
Positive Control ⁴	

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 2.7	19 ± 1.8	32 ± 2.5
3.0	21 ± 1.7	27 ± 4.9	30 ± 1.0
10.0	24 ± 3.8	26 ± 2.7	30 ± 2.0
33.0	26 ± 6.8	31 ± 3.0	31 ± 6.9
100.0	27 ± 3.9	39 ± 2.6	37 ± 0.7
333.0	5 ± 1.2 ^s	29 ± 2.1	24 ± 2.3
Trial Summary	Negative	Negative	Negative
Positive Control ²			446 ± 18.8
Positive Control ⁵	439 ± 18.3		
Positive Control ³		411 ± 32.3	

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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: Water

2: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

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

s: Slight Toxicity

**** END OF REPORT ****