

Experiment Number: **G99067BIR**

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

**G06: Ames Summary Data**

Test Compound: **Echinacea purpurea extract**

CAS Number: **90028-20-9**

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

Time Report Requested: **11:44:48**

**NTP Study Number:**

**G99067BIR**

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Strain: TA98

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Dose (ug/Plate)	With 10% Rat S9
Vehicle Control <sup>1</sup>	20 ± 1.0
500.0	32 ± 1.5
750.0	30 ± 0.5
1000.0	31 ± 2.2
2000.0	39 ± 2.0
4000.0	Toxic
6000.0	Toxic
Trial Summary	Equivocal
Positive Control <sup>2</sup>	1343 ± 118.0
Positive Control <sup>3</sup>	

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Strain: E. coli WP2 uvrA pKM101

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Dose (ug/Plate)	With 10% Rat S9
Vehicle Control <sup>1</sup>	187 ± 5.2
500.0	173 ± 4.0
750.0	183 ± 10.0
1000.0	174 ± 22.5
2000.0	161 ± 7.0
4000.0	212 ± 5.0
6000.0	Toxic
Trial Summary	Negative
Positive Control <sup>4</sup>	
Positive Control <sup>5</sup>	1228 ± 79.4

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### **LEGEND**

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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: Distilled Water
- 2: 2.0 ug/Plate 2-Aminoanthracene
- 3: 3.0 ug/Plate 2-Nitrofluorene
- 4: 0.25 ug/Plate Other Positive Control
- 5: 20.0 ug/Plate 2-Aminoanthracene

**\*\* END OF REPORT \*\***