

Experiment Number: **G00058Z**

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

G06: Ames Summary Data

Test Compound: **BCE_TP20141210-R**

CAS Number: **1254019-22-1**

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

Time Report Requested: **08:36:05**

NTP Study Number:

G00058Z

Study Result:

Negative

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Strain: TA100

Dose (ug/plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	66 ± 2.0	64.7 ± 4.5	78.7 ± 10.4	94.7 ± 16.4
187.5	66.7 ± 7.2	86.7 ± 3.5	89.3 ± 6.2	108.7 ± 7.2
375	76 ± 2.6	82 ± 7.5	95.7 ± 6.5 ^s	113.3 ± 4.5
750	73.7 ± 3.4	88.7 ± 1.5	76.7 ± 8.7 ^s	122.7 ± 5.0
1500	63 ± 1.5	83.3 ± 3.7	74 ± 2.5	88.7 ± 1.5
3000	77.7 ± 2.7	99 ± 4.7	75.3 ± 1.8	105.7 ± 8.8
6000	71.7 ± 5.8	111.3 ± 6.5	92.3 ± 9.8	110 ± 6.2
Trial Summary	Negative	Equivocal	Negative	Negative
Positive Control ²	540 ± 18.0			
Positive Control ³		594.7 ± 10.7	690.7 ± 40.8	757 ± 9.6

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Strain: TA98

Dose (ug/plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	18.7 ± 5.4	24.3 ± 2.3
187.5	19 ± 1.5	18 ± 2.0
375	16 ± 2.3	25 ± 3.6
750	18.7 ± 4.3	18 ± 2.3 ^s
1500	18.3 ± 3.2	26.7 ± 2.3
3000	23 ± 3.8	28 ± 3.2
6000	18.3 ± 0.9	26.3 ± 2.9
Trial Summary	Negative	Negative
Positive Control ⁴		2285.7 ± 90.0
Positive Control ⁵	1316 ± 125.7	

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	143.3 ± 13.5	130 ± 15.8
187.5	117 ± 3.1	172.3 ± 13.3
375	132.3 ± 12.7	165.3 ± 24.4
750	136 ± 7.0	142 ± 4.2
1500	139 ± 9.1	152.7 ± 2.6
3000	127 ± 8.1	143.3 ± 2.4
6000	133.3 ± 11.0	142 ± 5.3
Trial Summary	Negative	Negative
Positive Control ⁶	2718 ± 52.0	
Positive Control ⁷		1344.7 ± 118.6

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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: DMSO

2: 1 ug/plate Sodium Azide

3: 2 ug/plate Benzo[a]pyrene

4: 2 ug/plate 2-Aminoanthracene

5: 3 ug/plate 2-Nitrofluorene

6: 0.25 ug/plate 4-Nitroquinoline-N-oxide

7: 20 ug/plate 2-Aminoanthracene

s: Slight Toxicity

**** END OF REPORT ****