

Experiment Number: **G00058Y**

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

G06: Ames Summary Data

Test Compound: **BCE_3012781**

CAS Number: **84776-26-1**

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

Time Report Requested: **08:39:45**

NTP Study Number:

G00058Y

Study Result:

Negative

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Strain: TA100		
Dose (ug/plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	93.7 ± 7.6	78.7 ± 6.2
187.5	97.7 ± 5.4	77.7 ± 5.8
375	98.3 ± 4.3	68 ± 10.0
750	91.7 ± 5.9 ^s	75.3 ± 5.9
1500	92 ± 5.9	77.7 ± 9.9
3000	104.7 ± 9.3	96 ± 2.9
6000	86.3 ± 6.7	90.3 ± 8.4
Trial Summary	Negative	Negative
Positive Control ²	643.7 ± 41.7	
Positive Control ³		551.3 ± 31.9

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Strain: TA98

Dose (ug/plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	23.7 ± 1.5	25 ± 3.8	18.3 ± 0.9	24 ± 2.5
187.5	19.7 ± 3.8	29 ± 1.5	22.7 ± 2.3	21.7 ± 1.9
375	16.7 ± 2.9	29 ± 4.7	18 ± 2.6	35 ± 3.8
750	23 ± 5.5	32.7 ± 3.2	22.3 ± 3.8	26 ± 5.6
1500	22.3 ± 5.2	34 ± 5.0	20.3 ± 1.7	31 ± 0.6
3000	27 ± 0.6	37.3 ± 2.6	19.3 ± 0.7	35.7 ± 2.4
6000	30 ± 3.8	33.3 ± 2.7	23.7 ± 4.3	36 ± 2.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴		1959.3 ± 168.0	1156.7 ± 119.6	1213.7 ± 126.8
Positive Control ⁵	1013 ± 34.4			

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/plate)	Without S9	Without S9	Without S9	With 10% Rat S9
Vehicle Control ¹	151.3 ± 10.4	123.7 ± 10.5 ^s	139.3 ± 6.8	185.3 ± 19.1
187.5	153.3 ± 25.3	121.7 ± 7.3	156.7 ± 9.6	196.3 ± 15.9
375	161 ± 8.5	116.7 ± 2.0	151 ± 2.3	200.3 ± 23.4
750	172.3 ± 4.9	130 ± 14.6	151.7 ± 4.8	157.7 ± 3.5
1500	174.3 ± 8.7	116.7 ± 18.7	180.3 ± 11.3	199 ± 3.6
3000	176.3 ± 11.2	113.7 ± 6.4	162.3 ± 0.7	206.7 ± 12.0
6000	180.3 ± 11.9	129.3 ± 5.5	147.3 ± 11.7	191.3 ± 12.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶	2103.7 ± 141.5	2476.7 ± 236.0	2102 ± 51.4	
Positive Control ⁷				1327.7 ± 94.5

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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: 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 ****