

Experiment Number: **G00058X**

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

G06: Ames Summary Data

Test Compound: **BCE_BCO2.5-A2401090310**

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

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

Time Report Requested: **08:46:58**

NTP Study Number:

G00058X

Study Result:

Negative

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Strain: TA100		
Dose (ug/plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	88.7 ± 5.8	87.3 ± 15.9
187.5	81.3 ± 1.8	65.7 ± 11.7
375	88.3 ± 5.4	94.3 ± 2.0
750	113.3 ± 10.0	97.3 ± 0.3
1500	57.7 ± 2.6	80 ± 7.5
3000	110.3 ± 25.1	71.7 ± 8.4
6000	77 ± 15.3	91.7 ± 3.7
Trial Summary	Negative	Negative
Positive Control ²	582.7 ± 30.7	
Positive Control ³		547 ± 9.1

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Strain: TA98

Dose (ug/plate)	Without S9	Without S9	Without S9	With 10% Rat S9
Vehicle Control ¹	15 ± 2.5	11.7 ± 1.9	13 ± 2.1	20.7 ± 0.7
187.5	14 ± 1.2	18 ± 1.5	14.3 ± 3.0	26.3 ± 2.0
375	18.7 ± 4.3	12.5 ± 0.5	18.3 ± 1.3	18 ± 2.1
750	25.3 ± 3.0	12.7 ± 2.0	16 ± 1.7	19.7 ± 6.2
1500	18.3 ± 3.0	19 ± 5.0 ^s	19.3 ± 1.5	20.7 ± 3.2
3000	24.3 ± 1.5	16.3 ± 3.3 ^s	21 ± 2.6	22 ± 2.0
6000	27.3 ± 2.0	15.5 ± 1.5	19 ± 2.5	22.3 ± 1.2
Trial Summary	Equivocal	Negative	Negative	Negative
Positive Control ⁴				1849.3 ± 109.1
Positive Control ⁵	766.3 ± 90.1	510 ± 78.4	532.7 ± 51.0	

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	123.3 ± 7.9	176 ± 20.6
187.5	130.3 ± 12.6	191.7 ± 11.9
375	120.3 ± 16.1	171.3 ± 9.3
750	106.3 ± 8.8	204.7 ± 11.3
1500	163 ± 2.0	198.3 ± 6.8
3000	175.7 ± 9.5	208.3 ± 6.4
6000	162.3 ± 15.9	231.3 ± 11.9 ^s
Trial Summary	Negative	Negative
Positive Control ⁶	1964 ± 101.0	
Positive Control ⁷		1141 ± 88.8

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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 ****