

Experiment Number: **G92027B**

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

G06: Ames Summary Data

Test Compound: **Indium (III) chloride**

CAS Number: **10025-82-8**

Date Report Requested: **09/10/2018**

Time Report Requested: **15:42:48**

NTP Study Number:

G92027B

Study Result:

Negative

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Strain: TA100

Dose (ug/plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	86.3 ± 0.7	86.7 ± 7.3	72 ± 4.0	103.3 ± 8.0
20	78 ± 6.6	91.3 ± 18.5	80.3 ± 9.0	87 ± 3.1
30	70 ± 3.1	80.7 ± 1.9	72 ± 4.0	76 ± 3.1
40	69.3 ± 6.1	83.7 ± 4.4	74.7 ± 8.1	71 ± 7.5
60	66 ± 9.5	73 ± 3.5	61.7 ± 6.7	49.7 ± 11.4
100	68.3 ± 7.5	71 ± 7.2	65.7 ± 9.3	33.7 ± 14.2
200	41 ± 3.6	51.3 ± 2.6	40.7 ± 0.9	15 ± 3.5
600	38 ± 2.6	21.3 ± 5.0	38.7 ± 5.7	9.7 ± 3.8
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	610.3 ± 28.9	588.7 ± 14.8		
Positive Control ³			505.3 ± 47.0	631.3 ± 26.1

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Strain: TA98

Dose (ug/plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	13 ± 5.3	19.7 ± 2.4	27 ± 1.5	25.7 ± 3.2
20	13.7 ± 3.9	21.3 ± 2.3	14.7 ± 2.4	18.7 ± 1.2
30	13 ± 2.6	18.7 ± 2.7	10.3 ± 0.3	19.3 ± 2.3
40	16.7 ± 11.3	16 ± 1.0	15.3 ± 1.3	17.7 ± 2.3
60	9.7 ± 2.0	16 ± 1.7	11.3 ± 2.8	14 ± 5.5
100	4.3 ± 1.2	16 ± 1.0	6.7 ± 1.2	12 ± 1.0
200	6.7 ± 2.3	14 ± 2.3	7.3 ± 3.4	10 ± 3.2
600	4.3 ± 2.2	9.7 ± 2.2	5.7 ± 1.9	10.7 ± 3.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1063 ± 70.1	1326.7 ± 64.3
Positive Control ⁵	473.7 ± 77.4	712.7 ± 38.7		

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	178 ± 4.2	163 ± 5.0	192.3 ± 4.9	176.3 ± 11.3
600	168.7 ± 2.4	142.7 ± 8.4	199.3 ± 2.7	167.3 ± 10.6
1000	147.3 ± 1.9	136.3 ± 0.9	176.7 ± 6.0	169.3 ± 20.3
2000	148.7 ± 1.5	118.7 ± 12.7	176.7 ± 12.2	160 ± 14.3
3000	153.7 ± 14.3	122.7 ± 11.8	178.7 ± 8.4	166 ± 4.5
6000	125.7 ± 15.1	114.3 ± 2.3	163.7 ± 15.6	125.7 ± 4.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶	1593.3 ± 86.2	1750.3 ± 80.4		
Positive Control ⁷			844.3 ± 326.8	1413.7 ± 25.3

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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: 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

**** END OF REPORT ****