

Experiment Number: A74889

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

G06: Ames Summary Data

Test Compound: **Fluorotelomer Alcohol 8+2**

CAS Number: **678-39-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **19:10:05**

NTP Study Number:

A74889

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	61 ± 2.6	50 ± 3.8	73 ± 5.0	53 ± 3.0
1000.0	58 ± 1.9	36 ± 6.9	55 ± 1.5	41 ± 4.2
2500.0	59 ± 8.8	44 ± 4.3	49 ± 4.0	44 ± 2.8
5000.0	61 ± 2.2	44 ± 4.3	55 ± 2.3	49 ± 0.9
7500.0	51 ± 3.7	48 ± 1.7	55 ± 5.2	53 ± 4.8
10000.0	81 ± 15.9	46 ± 4.2	53 ± 7.9	59 ± 6.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	269 ± 2.7	211 ± 10.7		
Positive Control ³			915 ± 29.2	719 ± 48.6

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	17 ± 2.5	18 ± 4.3	18 ± 2.5	28 ± 3.7
1000.0	18 ± 3.0	17 ± 0.3	18 ± 2.0	22 ± 3.8
2500.0	14 ± 1.9	16 ± 3.5	20 ± 0.9	28 ± 2.9
5000.0	16 ± 1.2	15 ± 4.4	17 ± 3.5	30 ± 2.0
7500.0	15 ± 1.5	21 ± 2.0	20 ± 3.2	22 ± 2.7
10000.0	16 ± 2.9	16 ± 3.3	18 ± 2.5	28 ± 3.8
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			992 ± 26.7	790 ± 13.3
Positive Control ⁴	218 ± 22.7	516 ± 13.8		

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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	226 ± 9.3	233 ± 11.1	248 ± 8.1	257 ± 5.4
1000.0	220 ± 4.3	206 ± 14.9	267 ± 4.8	240 ± 15.6
2500.0	225 ± 3.1	208 ± 1.9	212 ± 53.5	251 ± 8.0
5000.0	223 ± 6.2	219 ± 3.0	259 ± 5.2	245 ± 12.6
7500.0	239 ± 5.2	214 ± 4.5	252 ± 8.4	235 ± 16.5
10000.0	234 ± 4.4	214 ± 10.1	256 ± 6.8	233 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			765 ± 37.4	728 ± 91.8
Positive Control ⁶	624 ± 7.8	687 ± 34.3		

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

**** END OF REPORT ****