

Experiment Number: A97455

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 09/18/2018

Time Report Requested: 11:03:19

NTP Study Number:

A97455

Study Result:

Negative

Experiment Number: A97455

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 09/18/2018

Time Report Requested: 11:03:19

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	44 ± 0.3	50 ± 2.6	41 ± 2.6	54 ± 1.8
10.0	45 ± 4.5	44 ± 4.0		
50.0	39 ± 3.1	35 ± 4.0		
100.0	51 ± 2.8	59 ± 1.0	34 ± 2.5	57 ± 1.2
500.0	50 ± 6.7	30 ± 3.8	40 ± 7.5	46 ± 6.5
750.0	1 ± 0.3	19 ± 4.1		
1000.0			29 ± 3.2	54 ± 5.7
5000.0			33 ± 3.8	61 ± 4.4
10000.0			41 ± 2.9	56 ± 7.8
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	691 ± 51.9	616 ± 32.9		
Positive Control ³			674 ± 22.7	885 ± 34.2

Experiment Number: A97455

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 09/18/2018

Time Report Requested: 11:03:19

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	15 ± 2.3	15 ± 2.0	19 ± 3.1	17 ± 3.2
10.0	12 ± 2.2	7 ± 0.0		
50.0	9 ± 1.3	7 ± 1.9		
100.0	15 ± 2.7	14 ± 2.0	15 ± 3.2	13 ± 0.9
500.0	15 ± 2.3	12 ± 1.2	15 ± 0.9	15 ± 2.6
750.0	10 ± 2.0	24 ± 14.5		
1000.0			21 ± 2.6	20 ± 1.7
5000.0			18 ± 2.2	17 ± 1.0
10000.0			13 ± 2.1	18 ± 1.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ³			937 ± 50.2	910 ± 126.6
Positive Control ⁴	626 ± 8.0	449 ± 52.8		

Experiment Number: A97455

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Perfluorohexanoic acid (PFHXA)

CAS Number: 307-24-4

Date Report Requested: 09/18/2018

Time Report Requested: 11:03:19

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	190 ± 6.2	188 ± 10.0	230 ± 13.0	125 ± 5.4
100.0	209 ± 7.9	198 ± 1.7	240 ± 14.2	138 ± 0.9
500.0	173 ± 15.9	144 ± 8.9	245 ± 6.1	134 ± 5.2
1000.0	135 ± 3.8	98 ± 6.8	256 ± 6.9	125 ± 6.3
2000.0	46 ± 11.0	61 ± 6.4		
3000.0	0 ± 0.0			
5000.0			246 ± 5.9	121 ± 10.7
10000.0			255 ± 22.3	131 ± 3.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁵			786 ± 29.3	726 ± 13.6
Positive Control ⁶	736 ± 15.4			
Positive Control ⁷		833 ± 54.0		

Experiment Number: A97455

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

G06: Ames Summary Data

Test Compound: **Perfluorohexanoic acid (PFHXA)**

CAS Number: **307-24-4**

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

Time Report Requested: **11:03:19**

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

7: 4000.0 ug/Plate 2-Aminoanthracene

**** END OF REPORT ****