

Experiment Number: 335349

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

G06: Ames Summary Data

Test Compound: **Fluometuron**

CAS Number: **2164-17-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **22:17:14**

NTP Study Number:

335349

Study Result:

Negative

Experiment Number: 335349

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Fluometuron

CAS Number: 2164-17-2

Date Report Requested: 09/12/2018

Time Report Requested: 22:17:14

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	116 ± 2.8	126 ± 7.5	116 ± 8.6	157 ± 4.4	112 ± 3.5
33.0		137 ± 5.3			
100.0	112 ± 0.9	126 ± 10.7	114 ± 9.7	162 ± 9.3	142 ± 14.2
333.0	103 ± 8.5	129 ± 3.8	107 ± 8.5	173 ± 0.3	132 ± 12.2
1000.0	98 ± 3.2	139 ± 6.4	112 ± 6.4	156 ± 5.3	130 ± 16.7
3333.0	84 ± 14.5 ^p	116 ± 7.0 ^p	97 ± 2.4 ^p	163 ± 5.5 ^p	112 ± 9.1 ^p
10000.0	81 ± 3.7 ^p		104 ± 8.1 ^p	110 ± 17.1 ^p	107 ± 18.3 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					762 ± 28.6
Positive Control ³			452 ± 20.5	397 ± 29.3	
Positive Control ⁴	317 ± 12.4	475 ± 31.0			

Experiment Number: 335349
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Fluometuron
CAS Number: 2164-17-2

Date Report Requested: 09/12/2018
Time Report Requested: 22:17:14

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	132 ± 11.9
33.0	
100.0	136 ± 5.8
333.0	143 ± 2.5
1000.0	135 ± 4.2
3333.0	103 ± 1.5 ^p
10000.0	127 ± 29.4 ^p
Trial Summary	Negative
Positive Control ²	
Positive Control ³	494 ± 42.0
Positive Control ⁴	

Experiment Number: 335349

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Fluometuron

CAS Number: 2164-17-2

Date Report Requested: 09/12/2018

Time Report Requested: 22:17:14

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	13 ± 1.5	21 ± 1.5	11 ± 1.2	12 ± 0.6	10 ± 1.3
33.0		20 ± 4.5			
100.0	19 ± 2.8	24 ± 2.2	9 ± 1.7	11 ± 0.9	7 ± 1.0
333.0	15 ± 2.0	22 ± 1.7	7 ± 1.7	13 ± 1.5	7 ± 0.3
1000.0	14 ± 2.3	23 ± 3.5	6 ± 1.0	10 ± 1.3	9 ± 1.0
3333.0	7 ± 1.9 ^p	15 ± 2.0 ^p	7 ± 0.9 ^p	7 ± 0.3 ^p	5 ± 1.5 ^p
10000.0	6 ± 0.9 ^p		4 ± 1.5 ^p	7 ± 0.9 ^p	3 ± 1.0 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³					245 ± 15.8
Positive Control ⁴	324 ± 8.5	473 ± 24.0			
Positive Control ⁵			120 ± 5.5	94 ± 4.4	

Experiment Number: 335349
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Fluometuron
CAS Number: 2164-17-2

Date Report Requested: 09/12/2018
Time Report Requested: 22:17:14

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	9 ± 0.7
33.0	
100.0	8 ± 0.3
333.0	8 ± 1.8
1000.0	6 ± 0.6
3333.0	5 ± 0.6 ^p
10000.0	2 ± 0.9 ^p
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	
Positive Control ⁵	201 ± 24.1

Experiment Number: 335349

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Fluometuron

CAS Number: 2164-17-2

Date Report Requested: 09/12/2018

Time Report Requested: 22:17:14

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	124 ± 2.3	149 ± 3.4	147 ± 3.8	196 ± 4.9	147 ± 8.0
33.0		170 ± 4.4			
100.0	124 ± 4.1	165 ± 6.9	179 ± 9.9	179 ± 3.6	171 ± 12.6
333.0	117 ± 5.8	164 ± 6.1	165 ± 7.4	194 ± 4.5	196 ± 9.8
1000.0	110 ± 9.5	145 ± 11.0	167 ± 8.3	186 ± 19.6	177 ± 10.2
3333.0	70 ± 8.6 ^p	47 ± 2.2 ^p	170 ± 8.4 ^p	175 ± 16.6 ^p	124 ± 27.1 ^p
10000.0	59 ± 9.8 ^p		134 ± 14.2 ^p	69 ± 13.1 ^x	62 ± 13.1 ^p
Trial Summary	Negative	Negative	Negative	Negative	Equivocal
Positive Control ²					472 ± 11.8
Positive Control ³			329 ± 15.3		
Positive Control ⁵				281 ± 11.8	
Positive Control ⁶	351 ± 12.8	320 ± 8.9			

Experiment Number: 335349

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

G06: Ames Summary Data

Test Compound: **Fluometuron**

CAS Number: 2164-17-2

Date Report Requested: 09/12/2018

Time Report Requested: 22:17:14

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	147 ± 16.6
33.0	
100.0	166 ± 10.1
333.0	168 ± 10.5
1000.0	150 ± 14.0
3333.0	76 ± 2.1 ^P
10000.0	25 ± 5.3 ^X
Trial Summary	Negative
Positive Control ²	
Positive Control ³	346 ± 13.6
Positive Control ⁵	
Positive Control ⁶	

Experiment Number: 335349

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Fluometuron

CAS Number: 2164-17-2

Date Report Requested: 09/12/2018

Time Report Requested: 22:17:14

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	16 ± 1.2	26 ± 1.9	24 ± 1.2	39 ± 5.2	39 ± 1.7
33.0		26 ± 0.9			
100.0	19 ± 1.3	27 ± 5.8	25 ± 1.9	45 ± 5.2	32 ± 5.4
333.0	16 ± 1.2	29 ± 3.8	22 ± 1.0	39 ± 1.7	39 ± 3.2
1000.0	18 ± 1.9	20 ± 2.2	22 ± 1.5	31 ± 4.9	35 ± 3.2
3333.0	13 ± 1.2 ^p	22 ± 3.0 ^p	19 ± 0.7 ^p	24 ± 2.1 ^p	23 ± 3.8 ^p
10000.0	7 ± 0.6 ^p		14 ± 2.7 ^p	14 ± 1.2 ^p	10 ± 2.4 ^p
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					413 ± 3.2
Positive Control ³			171 ± 1.5	106 ± 4.5	
Positive Control ⁷	636 ± 25.0	1050 ± 74.5			

Experiment Number: 335349
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Fluometuron
CAS Number: 2164-17-2

Date Report Requested: 09/12/2018
Time Report Requested: 22:17:14

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	42 ± 3.3
33.0	
100.0	39 ± 3.2
333.0	39 ± 5.9
1000.0	31 ± 0.7
3333.0	32 ± 4.1 ^P
10000.0	39 ± 0.6 ^P
Trial Summary	Negative
Positive Control ²	
Positive Control ³	198 ± 17.1
Positive Control ⁷	

Experiment Number: 335349

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

G06: Ames Summary Data

Test Compound: **Fluometuron**

CAS Number: **2164-17-2**

Date Report Requested: **09/12/2018**

Time Report Requested: **22:17:14**

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: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 1.0 ug/Plate Sodium Azide

5: 2.5 ug/Plate 2-Aminoanthracene

6: 25.0 ug/Plate 9-Aminoacridine

7: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

x: Slight Toxicity and Precipitate

**** END OF REPORT ****