

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

NTP Study Number:

995604

Study Result:

Negative

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	136 ± 4.2	117 ± 0.9	114 ± 7.8	147 ± 9.2	116 ± 9.2
33.0		100 ± 1.2	115 ± 12.4		112 ± 11.3
100.0	103 ± 3.2	113 ± 7.5	127 ± 2.0	143 ± 3.3	105 ± 4.9
333.0	97 ± 5.6	112 ± 5.1	100 ± 2.0	135 ± 3.5	95 ± 6.8
1000.0	96 ± 7.4	110 ± 4.1	97 ± 3.0	124 ± 8.7	109 ± 4.4
3333.0	112 ± 6.6	102 ± 1.7	106 ± 3.9	112 ± 3.9	106 ± 5.7
6666.0	51 ± 12.3			90 ± 7.7	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					352 ± 13.3
Positive Control ³			317 ± 12.3		
Positive Control ⁴				394 ± 11.0	
Positive Control ⁵	902 ± 47.9	962 ± 25.5			

Experiment Number: 995604
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: C.I. Acid red 97
CAS Number: 10169-02-5

Date Report Requested: 09/18/2018
Time Report Requested: 08:32:24

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	150 ± 10.9
33.0	
100.0	139 ± 1.7
333.0	147 ± 4.0
1000.0	122 ± 13.1
3333.0	119 ± 8.6
6666.0	84 ± 3.7
Trial Summary	Negative
Positive Control ²	
Positive Control ³	385 ± 25.2
Positive Control ⁴	
Positive Control ⁵	

Experiment Number: 995604

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

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	12 ± 1.7	9 ± 2.3	14 ± 1.7	12 ± 1.8	15 ± 0.7
33.0	17 ± 0.3	8 ± 1.9	11 ± 1.8	10 ± 1.0	7 ± 0.3
100.0	11 ± 2.2	10 ± 2.0	9 ± 1.5	8 ± 0.3	9 ± 1.3
333.0	10 ± 2.3	9 ± 0.3	12 ± 2.3	13 ± 0.6	9 ± 1.3
1000.0	12 ± 2.0	12 ± 2.7	11 ± 2.2	12 ± 0.9	10 ± 1.2
3333.0	12 ± 1.5	8 ± 0.9	12 ± 1.2	11 ± 1.2	10 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³					94 ± 1.5
Positive Control ⁵	804 ± 42.0	928 ± 32.9			
Positive Control ⁴			88 ± 3.8		
Positive Control ⁶				155 ± 11.9	

Experiment Number: 995604
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: C.I. Acid red 97
CAS Number: 10169-02-5

Date Report Requested: 09/18/2018
Time Report Requested: 08:32:24

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	10 ± 1.5
33.0	10 ± 1.3
100.0	9 ± 1.5
333.0	9 ± 1.5
1000.0	11 ± 0.6
3333.0	10 ± 1.5
Trial Summary	Negative
Positive Control ³	
Positive Control ⁵	
Positive Control ⁴	189 ± 9.5
Positive Control ⁶	

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	115 ± 5.9	103 ± 2.4	131 ± 8.2	151 ± 6.1	135 ± 9.7
33.0	112 ± 9.1	120 ± 10.0	142 ± 8.8	151 ± 5.5	112 ± 5.2
100.0	131 ± 30.7	122 ± 7.2	156 ± 3.4	160 ± 7.3	116 ± 9.5
333.0	136 ± 3.4	116 ± 11.6	145 ± 0.3	157 ± 9.0	127 ± 10.3
1000.0	117 ± 8.8	116 ± 5.6	134 ± 5.9	178 ± 15.0	110 ± 5.7
3333.0	126 ± 3.9	105 ± 3.5	129 ± 2.8	165 ± 11.3	112 ± 3.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					327 ± 5.6
Positive Control ³			271 ± 21.6		
Positive Control ⁴				342 ± 10.0	
Positive Control ⁷	270 ± 18.8	226 ± 16.3			

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	158 ± 5.9
33.0	154 ± 4.0
100.0	167 ± 5.6
333.0	170 ± 11.7
1000.0	159 ± 5.8
3333.0	172 ± 3.5
Trial Summary	Negative
Positive Control ²	
Positive Control ³	340 ± 21.8
Positive Control ⁴	
Positive Control ⁷	

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9
Vehicle Control ¹	13 ± 0.6	16 ± 1.7	14 ± 0.9	24 ± 1.5	16 ± 1.5
33.0			17 ± 2.4	21 ± 2.3	
100.0	14 ± 0.3	13 ± 2.7	18 ± 1.8	24 ± 1.7	17 ± 2.6
333.0	11 ± 0.6	14 ± 2.6	16 ± 1.2	16 ± 1.7	17 ± 2.2
1000.0	12 ± 0.9	18 ± 1.3	18 ± 0.3	20 ± 2.2	16 ± 0.9
3333.0	15 ± 1.2 ^s	12 ± 1.5 ^s	10 ± 1.5 ^s	14 ± 0.9	13 ± 0.9 ^s
6666.0	29 ± 1.8 ^s	7 ± 1.2 ^s			26 ± 8.2 ^s
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control ²					
Positive Control ³				159 ± 5.0	
Positive Control ⁸	354 ± 19.1	275 ± 13.4	306 ± 11.7		
Positive Control ⁴					205 ± 5.2

Experiment Number: 995604
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: C.I. Acid red 97
CAS Number: 10169-02-5

Date Report Requested: 09/18/2018
Time Report Requested: 08:32:24

Strain: TA98

Dose (ug/Plate)	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	17 ± 1.8	21 ± 2.0	16 ± 1.3	17 ± 1.2
33.0		25 ± 1.9		
100.0	18 ± 1.3	22 ± 2.9	15 ± 0.3	19 ± 2.0
333.0	13 ± 1.8	26 ± 0.9	16 ± 0.3	18 ± 0.6
1000.0	18 ± 1.8	17 ± 0.6	11 ± 1.0	17 ± 2.0
3333.0	21 ± 0.9 ^s	13 ± 1.8 ^s	13 ± 1.3 ^s	19 ± 2.3 ^s
6666.0	11 ± 1.7 ^s		25 ± 7.0 ^s	12 ± 2.0 ^s
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²		217 ± 13.7		
Positive Control ³			226 ± 11.3	237 ± 1.3
Positive Control ⁸				
Positive Control ⁴	324 ± 19.7			

Experiment Number: 995604

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: C.I. Acid red 97

CAS Number: 10169-02-5

Date Report Requested: 09/18/2018

Time Report Requested: 08:32:24

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: 1.0 ug/Plate 2-Aminoanthracene

3: 2.0 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Aminoanthracene

5: 5.0 ug/Plate Sodium Azide

6: 10.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

** END OF REPORT **