

Experiment Number: 155036

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

G06: Ames Summary Data

Test Compound: **Ponceau 3R**

CAS Number: **3564-09-8**

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

Time Report Requested: **20:43:18**

NTP Study Number:

155036

Study Result:

Negative

Experiment Number: 155036
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Ponceau 3R
CAS Number: 3564-09-8

Date Report Requested: 09/12/2018
Time Report Requested: 20:43:18

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	101 ± 12.2	148 ± 9.8	158 ± 5.8	138 ± 15.8	149 ± 11.9
100.0	105 ± 4.0	113 ± 6.6	137 ± 6.6	153 ± 4.7	149 ± 7.2
333.0	106 ± 16.0	99 ± 2.7	146 ± 16.5	147 ± 9.0	139 ± 4.9
1000.0	89 ± 6.2	109 ± 7.2	127 ± 14.2	138 ± 8.2	144 ± 4.7
3333.0	103 ± 5.2	116 ± 3.6	127 ± 7.5	143 ± 5.5	148 ± 10.8
10000.0	90 ± 3.5 ^x	109 ± 11.1 ^x	115 ± 15.2 ^x	124 ± 12.5 ^x	157 ± 7.6 ^x
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					792 ± 64.5
Positive Control ³			423 ± 4.3		
Positive Control ⁴				477 ± 57.3	
Positive Control ⁵	895 ± 59.7	422 ± 8.8			

Experiment Number: 155036
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Ponceau 3R
CAS Number: 3564-09-8

Date Report Requested: 09/12/2018
Time Report Requested: 20:43:18

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	112 ± 7.3
100.0	127 ± 10.7
333.0	129 ± 2.6
1000.0	127 ± 6.9
3333.0	126 ± 7.4
10000.0	125 ± 4.8 ^x
Trial Summary	Negative
Positive Control ²	
Positive Control ³	594 ± 72.1
Positive Control ⁴	
Positive Control ⁵	

Experiment Number: 155036

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Ponceau 3R

CAS Number: 3564-09-8

Date Report Requested: 09/12/2018

Time Report Requested: 20:43:18

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.6	8 ± 0.6	8 ± 1.7	10 ± 1.5	9 ± 1.7
100.0	11 ± 1.5	5 ± 0.9	9 ± 1.3	15 ± 1.9	7 ± 1.7
333.0	8 ± 1.8	6 ± 0.9	7 ± 0.9	9 ± 1.5	6 ± 1.0
1000.0	7 ± 2.1	6 ± 0.7	7 ± 1.2	11 ± 2.1	6 ± 1.5
3333.0	11 ± 0.6	5 ± 0.6	10 ± 0.9	17 ± 2.7	6 ± 1.0
10000.0	7 ± 1.9 ^x	7 ± 0.0 ^x	9 ± 1.9 ^x	11 ± 1.0 ^x	8 ± 1.2 ^x
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³					70 ± 7.0
Positive Control ⁴			53 ± 2.1		
Positive Control ⁵	1039 ± 62.5	354 ± 21.6			
Positive Control ⁶				67 ± 3.2	

Experiment Number: 155036
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Ponceau 3R
CAS Number: 3564-09-8

Date Report Requested: 09/12/2018
Time Report Requested: 20:43:18

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	9 ± 1.2
100.0	7 ± 0.7
333.0	11 ± 0.7
1000.0	7 ± 0.9
3333.0	8 ± 2.1
10000.0	9 ± 0.3 ^x
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	199 ± 20.6
Positive Control ⁵	
Positive Control ⁶	

Experiment Number: 155036

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

Test Compound: Ponceau 3R

CAS Number: 3564-09-8

Date Report Requested: 09/12/2018

Time Report Requested: 20:43:18

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	152 ± 2.7	165 ± 10.7	197 ± 9.7	214 ± 6.4	153 ± 1.2
100.0	166 ± 3.9	172 ± 9.3	199 ± 7.3	229 ± 10.8	168 ± 7.7
333.0	168 ± 5.7	161 ± 1.8	199 ± 5.2	208 ± 10.1	175 ± 5.8
1000.0	177 ± 7.2	151 ± 5.3	197 ± 1.5	227 ± 10.9	175 ± 6.8
3333.0	198 ± 3.3	166 ± 9.4	184 ± 3.4	235 ± 24.3	206 ± 15.6
10000.0	195 ± 10.0 ^x	174 ± 4.4 ^x	179 ± 9.2 ^x	202 ± 7.3 ^x	191 ± 4.3 ^x
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control ²					373 ± 13.2
Positive Control ³			351 ± 18.6		
Positive Control ⁴				310 ± 6.0	
Positive Control ⁷	395 ± 7.5	465 ± 14.4			

Experiment Number: 155036
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Ponceau 3R
CAS Number: 3564-09-8

Date Report Requested: 09/12/2018
Time Report Requested: 20:43:18

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	178 ± 9.0
100.0	195 ± 7.0
333.0	202 ± 11.5
1000.0	187 ± 6.2
3333.0	197 ± 7.5
10000.0	195 ± 15.0 ^x
Trial Summary	Negative
Positive Control ²	
Positive Control ³	316 ± 10.3
Positive Control ⁴	
Positive Control ⁷	

Experiment Number: 155036

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

Test Compound: Ponceau 3R

CAS Number: 3564-09-8

Date Report Requested: 09/12/2018

Time Report Requested: 20:43:18

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 5% Hamster S9
Vehicle Control ¹	18 ± 1.5	15 ± 1.3	36 ± 3.5	34 ± 4.3	17 ± 3.7
100.0	17 ± 2.1	12 ± 1.0	29 ± 6.1	26 ± 3.3	
333.0	21 ± 1.5	15 ± 2.7	21 ± 2.4	34 ± 2.7	24 ± 2.8
1000.0	19 ± 0.6	16 ± 2.7	24 ± 1.5	25 ± 2.0	25 ± 5.0
3333.0	23 ± 2.9	19 ± 3.2	23 ± 0.3	24 ± 1.2	30 ± 3.2
6666.0					22 ± 1.0
10000.0	22 ± 0.3 ^x	23 ± 1.9 ^x	24 ± 2.0 ^x	31 ± 0.7 ^x	21 ± 2.7 ^x
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					1054 ± 50.0
Positive Control ³			371 ± 31.8	109 ± 9.5	
Positive Control ⁸	475 ± 21.8	578 ± 37.7			

Experiment Number: 155036
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Ponceau 3R
CAS Number: 3564-09-8

Date Report Requested: 09/12/2018
Time Report Requested: 20:43:18

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	19 ± 0.7	28 ± 3.2	22 ± 2.8	21 ± 3.6
100.0		25 ± 3.1	20 ± 2.6	
333.0	24 ± 1.5	21 ± 3.2	27 ± 3.6	14 ± 0.6
1000.0	31 ± 2.1	17 ± 1.0	24 ± 2.3	20 ± 3.5
3333.0	26 ± 0.7	28 ± 0.9	34 ± 3.5	23 ± 5.9
6666.0	34 ± 3.8			18 ± 1.9
10000.0	27 ± 3.3 ^x	25 ± 2.6 ^x	43 ± 10.5 ^x	26 ± 7.2 ^x
Trial Summary	Negative	Negative	Equivocal	Negative
Positive Control ²	898 ± 15.5	884 ± 24.5		
Positive Control ³			493 ± 38.1	581 ± 33.5
Positive Control ⁸				

Experiment Number: 155036

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

G06: Ames Summary Data

Test Compound: **Ponceau 3R**

CAS Number: **3564-09-8**

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

Time Report Requested: **20:43:18**

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: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 5.0 ug/Plate Sodium Azide

6: 5.0 ug/Plate 2-Aminoanthracene

7: 50.0 ug/Plate 9-Aminoacridine

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

x: Slight Toxicity and Precipitate

**** END OF REPORT ****