Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

NTP Study Number: 831184

Study Result: Positive

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	78 ± 2.3	112 ± 1.2	82 ± 2.4	138 ± 2.0	88 ± 9.7
100.0	88 ± 9.8	113 ± 0.7	100 ± 7.6	162 ± 0.9	86 ± 6.2
333.0	75 ± 7.9	115 ± 1.5	108 ± 8.7	159 ± 19.2	97 ± 5.9
1000.0	71 ± 7.8[p]	109 ± 9.5[p]	127 ± 2.6[p]	154 ± 18.4[p]	120 ± 5.5[p]
3333.0	60 ± 6.1[p]	47 ± 28.7[p]	98 ± 15.2[p]	135 ± 6.2[p]	139 ± 1.8[p]
10000.0	69 ± 9.6[p]	0 ± 0.0[p]	115 ± 3.9[p]	129 ± 6.3[p]	118 ± 9.9[p]
Trial Summary	Positive	Negative	Equivocal	Negative	Weakly Positive
Positive Control[2]			1106 ± 63.6	2398 ± 20.0	1607 ± 185.5
Positive Control[3]	504 ± 66.9	1203 ± 167.6			

Experiment Number: **831184**

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

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Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	123 ± 11.5
100.0	121 ± 7.2
333.0	140 ± 5.7
1000.0	144 ± 14.8[p]
3333.0	153 ± 6.6[p]
10000.0	142 ± 11.8[p]
Trial Summary	Equivocal
Positive Control[2]	3138 ± 69.5
Positive Control[3]	

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	7 ± 2.8	6 ± 0.7	13 ± 3.8	7 ± 2.3	6 ± 1.5
100.0	9 ± 0.3	5 ± 0.9	15 ± 1.2	10 ± 1.5	8 ± 1.2
333.0	8 ± 1.5	4 ± 0.7	12 ± 3.2	9 ± 2.3	7 ± 1.7
1000.0	7 ± 1.5[p]	4 ± 1.7[p]	20 ± 2.1[p]	10 ± 0.9[p]	5 ± 1.9[p]
3333.0	5 ± 0.3[p]	2 ± 0.6[p]	19 ± 1.5[p]	7 ± 2.4[p]	12 ± 2.8[p]
10000.0	7 ± 0.9[p]	9 ± 4.0[p]	9 ± 0.6[p]	6 ± 0.6[p]	7 ± 0.9[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			79 ± 3.5	91 ± 18.7	83 ± 2.3
Positive Control[3]	615 ± 39.2	333 ± 80.3			

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	9 ± 0.6
100.0	10 ± 1.9
333.0	10 ± 3.2
1000.0	10 ± 0.9[p]
3333.0	4 ± 1.5[p]
10000.0	3 ± 0.5[p]
Trial Summary	Negative
Positive Control[2]	140 ± 14.0
Positive Control[3]	

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	3 ± 0.3	1 ± 0.3	6 ± 1.5	4 ± 1.5	7 ± 2.1
100.0	4 ± 0.3	1 ± 0.3	4 ± 1.2	2 ± 0.6	5 ± 1.9
333.0	2 ± 0.6	1 ± 0.9	7 ± 1.3	4 ± 1.2	7 ± 0.7
1000.0	2 ± 0.3[p]	1 ± 0.0[p]	6 ± 1.8[p]	2 ± 0.7[p]	8 ± 3.0[p]
3333.0	2 ± 0.9[p]	1 ± 0.3[p]	6 ± 2.3[p]	3 ± 0.7[p]	7 ± 1.7[p]
10000.0	2 ± 1.2[p]	1 ± 0.7[p]	4 ± 0.9[p]	1 ± 1.0[p]	5 ± 0.6[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			77 ± 3.0	65 ± 3.8	110 ± 9.8
Positive Control[4]	83 ± 8.5	286 ± 110.3			

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	5 ± 1.0
100.0	2 ± 0.7
333.0	2 ± 0.3
1000.0	2 ± 0.3[p]
3333.0	6 ± 1.0[p]
10000.0	3 ± 1.5[p]
Trial Summary	Negative
Positive Control[2]	54 ± 1.5
Positive Control[4]	

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	20 ± 1.5	6 ± 0.7	27 ± 2.4	21 ± 4.6	18 ± 2.3
100.0	18 ± 1.3	8 ± 1.2	29 ± 0.9	19 ± 1.2	26 ± 2.1
333.0	22 ± 3.8	5 ± 0.7	39 ± 0.9	27 ± 2.0	22 ± 3.0
1000.0	16 ± 0.3[p]	6 ± 0.9[p]	38 ± 1.2[p]	56 ± 3.2[p]	16 ± 1.8[p]
3333.0	12 ± 0.9[p]	4 ± 1.7[p]	31 ± 2.1[p]	30 ± 5.9[p]	13 ± 1.5[p]
10000.0	14 ± 1.8[p]	8 ± 2.1[p]	23 ± 2.0[p]	11 ± 2.4[p]	15 ± 2.2[p]
Trial Summary	Negative	Negative	Negative	Equivocal	Negative
Positive Control[2]			840 ± 78.6	1776 ± 23.3	1957 ± 55.0
Positive Control[5]	671 ± 23.8	218 ± 35.3			

Experiment Number: **831184**

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

G06: Ames Summary Data

Test Compound: **C.I. Acid red 114**

CAS Number: **6459-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **19:27:29**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control[1]	27 ± 4.2	17 ± 0.9	20 ± 2.8
100.0	58 ± 1.9	21 ± 3.2	24 ± 1.8
333.0	75 ± 13.9	25 ± 4.1	33 ± 2.7
1000.0	67 ± 7.5[p]	38 ± 4.1[p]	40 ± 1.8[p]
3333.0	33 ± 6.4[p]	27 ± 3.0[p]	26 ± 2.7[p]
10000.0	23 ± 1.2[p]	15 ± 6.0[p]	16 ± 1.7[p]
Trial Summary	Positive	Weakly Positive	Weakly Positive
Positive Control[2]	716 ± 51.5	2212 ± 8.4	969 ± 20.7
Positive Control[5]			

LEGEND

Values given as Mean or Mean ± 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: 3.3 ug/Plate Sodium Azide
4: 33.0 ug/Plate 9-Aminoacridine
5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **