Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

NTP Study Number: 983137

Study Result: Negative

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	97 ± 6.1	104 ± 9.5	85 ± 6.5	104 ± 2.6	112 ± 13.1
100.0	107 ± 5.4[p]	102 ± 7.4[p]	99 ± 3.8[p]	104 ± 4.8[p]	120 ± 10.2[p]
333.0	102 ± 9.6[p]	118 ± 10.5[p]	105 ± 13.0[p]	107 ± 8.1[p]	109 ± 12.6[p]
1000.0	100 ± 5.7[p]	119 ± 5.2[p]	103 ± 6.0[p]	112 ± 0.3[p]	109 ± 9.9[p]
3333.0	99 ± 1.8[p]	107 ± 4.3[p]	109 ± 2.7[p]	107 ± 9.3[p]	120 ± 5.5[p]
10000.0	92 ± 7.6[p]	102 ± 5.2[p]	109 ± 10.2[p]	117 ± 6.3[p]	113 ± 4.9[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	322 ± 9.3	235 ± 6.4			
Positive Control[3]			504 ± 29.3	335 ± 6.4	1506 ± 62.8

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	119 ± 5.3
100.0	111 ± 5.8[p]
333.0	110 ± 6.6[p]
1000.0	101 ± 9.2[p]
3333.0	103 ± 5.8[p]
10000.0	108 ± 2.8[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	839 ± 18.6

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	26 ± 0.7	20 ± 2.3	5 ± 1.3	10 ± 2.5	9 ± 3.2
100.0	28 ± 2.3[p]	17 ± 2.3[p]	14 ± 0.9[p]	8 ± 0.6[p]	12 ± 1.5[p]
333.0	22 ± 0.9[p]	16 ± 1.9[p]	11 ± 0.9[p]	9 ± 2.6[p]	8 ± 1.8[p]
1000.0	20 ± 3.0[p]	16 ± 2.4[p]	7 ± 2.0[p]	11 ± 1.2[p]	8 ± 1.0[p]
3333.0	16 ± 3.0[p]	12 ± 1.7[p]	9 ± 1.0[p]	7 ± 0.7[p]	7 ± 1.8[p]
10000.0	9 ± 3.7[p]	11 ± 0.7[p]	10 ± 0.3[p]	6 ± 0.9[p]	7 ± 2.3[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	334 ± 10.6	288 ± 25.5			
Positive Control[4]			185 ± 10.4	148 ± 14.7	396 ± 5.3

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 0.7
100.0	10 ± 1.3[p]
333.0	7 ± 1.2[p]
1000.0	10 ± 1.7[p]
3333.0	7 ± 1.0[p]
10000.0	6 ± 0.6[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	270 ± 11.2

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	5 ± 0.0	3 ± 0.7	10 ± 3.2	9 ± 2.3	8 ± 1.3
100.0	8 ± 0.7[p]	7 ± 1.2[p]	7 ± 1.0[p]	8 ± 2.6[p]	7 ± 0.3[p]
333.0	7 ± 1.0[p]	4 ± 1.2[p]	8 ± 0.9[p]	7 ± 1.5[p]	9 ± 0.3[p]
1000.0	3 ± 1.9[p]	6 ± 0.9[p]	10 ± 1.2[p]	9 ± 0.3[p]	8 ± 0.6[p]
3333.0	6 ± 0.7[p]	4 ± 0.6[p]	8 ± 0.6[p]	6 ± 0.6[p]	8 ± 2.1[p]
10000.0	3 ± 1.2[p]	7 ± 3.5[p]	7 ± 1.5[p]	5 ± 0.9[p]	6 ± 1.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			142 ± 8.6	99 ± 19.2	400 ± 16.2
Positive Control[5]	143 ± 15.1	145 ± 17.8			

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	7 ± 1.7
100.0	7 ± 1.7[p]
333.0	8 ± 0.6[p]
1000.0	9 ± 1.9[p]
3333.0	7 ± 0.9[p]
10000.0	7 ± 1.2[p]
Trial Summary	Negative
Positive Control[4]	345 ± 6.8
Positive Control[5]	

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	15 ± 2.0	14 ± 2.9	24 ± 3.0	26 ± 1.9	21 ± 2.7
100.0	16 ± 1.5[p]	14 ± 2.9[p]	29 ± 2.0[p]	30 ± 3.5[p]	25 ± 5.7[p]
333.0	11 ± 2.5[p]	22 ± 5.5[p]	26 ± 2.0[p]	34 ± 1.8[p]	25 ± 1.8[p]
1000.0	11 ± 3.6[p]	13 ± 1.5[p]	24 ± 2.4[p]	31 ± 5.5[p]	28 ± 1.8[p]
3333.0	8 ± 1.5[p]	17 ± 3.7[p]	22 ± 4.6[p]	29 ± 3.0[p]	23 ± 1.2[p]
10000.0	8 ± 0.9[p]	14 ± 3.5[p]	20 ± 3.5[p]	20 ± 5.0[p]	23 ± 0.9[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]			194 ± 9.3	291 ± 18.6	1126 ± 35.9
Positive Control[6]	707 ± 19.1	642 ± 49.4			

Experiment Number: **983137**

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

G06: Ames Summary Data

Test Compound: **Diarylanilide yellow**

CAS Number: **6358-85-6**

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

Time Report Requested: **07:00:41**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	25 ± 3.0
100.0	23 ± 3.8[p]
333.0	27 ± 6.9[p]
1000.0	29 ± 3.2[p]
3333.0	22 ± 3.3[p]
10000.0	22 ± 2.6[p]
Trial Summary	Negative
Positive Control[3]	683 ± 39.6
Positive Control[6]	

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: Dimethyl Sulfoxide
2: 1.0 ug/Plate Sodium Azide
3: 1.0 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate 2-Aminoanthracene
5: 50.0 ug/Plate 9-Aminoacridine
6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **