Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

NTP Study Number: 861294

Study Result: Negative

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	127 ± 7.9	122 ± 8.2	148 ± 5.6	145 ± 5.8	143 ± 3.1
100.0	128 ± 3.8	119 ± 16.1	140 ± 3.8	114 ± 5.8	123 ± 8.1
333.0	126 ± 7.8	134 ± 12.4	132 ± 12.7	109 ± 3.2	111 ± 7.8
1000.0	147 ± 5.1	138 ± 6.2	140 ± 3.3	111 ± 4.7	108 ± 3.9
3333.0	134 ± 9.6	78 ± 12.0	118 ± 16.2	88 ± 6.7	107 ± 1.8
10000.0	13 ± 13.0[s]	Toxic	94 ± 34.9	18 ± 9.5[s]	19 ± 10.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	448 ± 29.5	318 ± 8.5			
Positive Control[3]			535 ± 15.9	568 ± 4.6	1000 ± 38.4

Experiment Number: **861294**

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CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	149 ± 3.9
100.0	135 ± 2.6
333.0	133 ± 9.2
1000.0	125 ± 8.2
3333.0	99 ± 4.9
10000.0	6 ± 0.9[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	1242 ± 24.3

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	38 ± 3.7	18 ± 0.3	22 ± 4.7	8 ± 1.9	26 ± 4.7
100.0	19 ± 3.4	10 ± 3.4	21 ± 3.2	7 ± 1.2	16 ± 2.0
333.0	26 ± 3.5	6 ± 1.0	17 ± 1.2	11 ± 1.7	15 ± 1.8
1000.0	30 ± 6.3	8 ± 1.9	16 ± 1.7	10 ± 1.0	15 ± 0.3
3333.0	21 ± 5.4	5 ± 1.2	6 ± 3.2	7 ± 2.4	13 ± 2.9
10000.0	Toxic	Toxic	Toxic	Toxic	2 ± 1.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	406 ± 15.3	307 ± 9.6			
Positive Control[4]			286 ± 12.1	241 ± 9.9	359 ± 12.0

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.6
100.0	7 ± 1.2
333.0	8 ± 2.8
1000.0	8 ± 2.3
3333.0	3 ± 2.1
10000.0	Toxic
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	312 ± 26.1

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	8 ± 0.3	8 ± 1.3	12 ± 2.7	6 ± 0.6	10 ± 1.2
100.0	6 ± 2.7	5 ± 0.6	6 ± 1.9	7 ± 1.3	10 ± 3.1
333.0	4 ± 1.5	6 ± 1.2	7 ± 3.0	6 ± 1.2	7 ± 0.9
1000.0	4 ± 0.7	5 ± 2.3	7 ± 0.9	7 ± 0.3	8 ± 2.6
3333.0	3 ± 1.2	3 ± 0.3	8 ± 2.3	3 ± 1.2	5 ± 1.2
10000.0	Toxic	Toxic	1 ± 1.0	Toxic	1 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			166 ± 6.7	161 ± 0.3	497 ± 15.6
Positive Control[5]	318 ± 30.9	97 ± 14.3			

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.2
100.0	6 ± 1.9
333.0	5 ± 0.3
1000.0	3 ± 0.6
3333.0	6 ± 1.5
10000.0	Toxic
Trial Summary	Negative
Positive Control[4]	340 ± 8.3
Positive Control[5]	

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	24 ± 3.5	13 ± 3.0	32 ± 4.3	32 ± 3.0	40 ± 1.9
100.0	11 ± 3.3	12 ± 2.5	36 ± 4.4	38 ± 3.8	35 ± 3.6
333.0	16 ± 0.7	18 ± 1.3	37 ± 2.6	37 ± 4.6	32 ± 2.9
1000.0	13 ± 2.1	14 ± 2.8	25 ± 2.3	38 ± 0.6	29 ± 5.2
3333.0	10 ± 2.2	7 ± 1.2	28 ± 2.0	34 ± 3.9	43 ± 1.9
10000.0	0 ± 0.0[s]	Toxic	16 ± 7.3	Toxic	6 ± 6.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]			364 ± 14.5		1026 ± 35.5
Positive Control[4]				409 ± 4.6	
Positive Control[6]	711 ± 7.8	504 ± 27.8			

Experiment Number: **861294**

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

G06: Ames Summary Data

Test Compound: **Tripelennamine hydrochloride**

CAS Number: **154-69-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **13:50:27**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	22 ± 1.7
100.0	21 ± 4.2
333.0	22 ± 1.9
1000.0	22 ± 2.3
3333.0	19 ± 3.6
10000.0	Toxic
Trial Summary	Negative
Positive Control[3]	927 ± 10.3
Positive Control[4]	
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: Water
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
s: Slight Toxicity

** END OF REPORT **