Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

NTP Study Number: 598195

Study Result: Negative

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	117 ± 9.2	103 ± 3.5	128 ± 6.4	120 ± 10.0	105 ± 9.4
100.0	127 ± 6.9	94 ± 2.9	107 ± 2.4	130 ± 13.0	98 ± 8.6
333.0	126 ± 14.2	95 ± 1.9	127 ± 5.9	126 ± 7.3	95 ± 3.2
1000.0	96 ± 12.0	96 ± 4.3	115 ± 8.4	105 ± 7.2	92 ± 5.2
3333.0	87 ± 10.7[p]	90 ± 3.5[p]	98 ± 1.5[p]	95 ± 8.7[p]	88 ± 0.9[p]
6666.0		89 ± 2.8[p]			
10000.0	110 ± 21.9[x]		110 ± 1.9[p]	88 ± 6.1[p]	100 ± 1.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	544 ± 32.5	601 ± 12.4			
Positive Control[3]			724 ± 34.5	761 ± 7.3	2276 ± 47.7

Experiment Number: **598195**

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

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Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	99 ± 1.9
100.0	114 ± 7.0
333.0	105 ± 9.3
1000.0	97 ± 3.8
3333.0	88 ± 1.0[p]
6666.0	
10000.0	93 ± 3.8[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	2067 ± 38.7

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 1.7	9 ± 1.8	12 ± 0.9	11 ± 1.2	9 ± 1.7
100.0	26 ± 0.9	11 ± 1.0	8 ± 1.2	9 ± 2.1	6 ± 0.9
333.0	28 ± 1.9	12 ± 2.8	10 ± 1.2	11 ± 2.3	5 ± 2.0
1000.0	27 ± 2.1	8 ± 1.2	8 ± 0.3	9 ± 0.6	5 ± 0.9
3333.0	26 ± 0.6[p]	5 ± 1.2[p]	5 ± 1.2[p]	8 ± 1.7[p]	5 ± 2.2[p]
6666.0		4 ± 1.0[p]			
10000.0	26 ± 2.2[x]		9 ± 0.3[p]	9 ± 1.5[p]	5 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	569 ± 23.2	490 ± 20.9			
Positive Control[4]			224 ± 1.5	198 ± 12.5	342 ± 19.1

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	10 ± 1.5
100.0	9 ± 2.8
333.0	9 ± 0.9
1000.0	8 ± 1.7
3333.0	9 ± 1.5[p]
6666.0	
10000.0	4 ± 0.6[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	361 ± 25.9

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

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Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	149 ± 14.2	129 ± 8.7	157 ± 3.5	187 ± 10.1	136 ± 9.4
100.0	125 ± 15.4	102 ± 5.0	163 ± 7.8	187 ± 2.0	143 ± 4.7
333.0	136 ± 26.3	88 ± 8.1	166 ± 6.8	180 ± 12.4	147 ± 5.8
1000.0	107 ± 14.8	84 ± 3.2	142 ± 2.5	123 ± 8.9	135 ± 6.5
3333.0	100 ± 12.1[p]	73 ± 7.8[p]	121 ± 4.9[p]	134 ± 19.2[p]	135 ± 14.4[p]
6666.0		73 ± 7.8[p]			
10000.0	101 ± 19.1[x]		134 ± 13.3[p]	120 ± 5.3[p]	128 ± 10.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			1223 ± 27.1	1251 ± 49.7	1440 ± 66.5
Positive Control[5]	2089 ± 57.6	1165 ± 125.1			

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

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Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	188 ± 6.6
100.0	181 ± 16.6
333.0	175 ± 10.7
1000.0	136 ± 6.4
3333.0	113 ± 5.8[p]
6666.0	
10000.0	112 ± 6.2[p]
Trial Summary	Negative
Positive Control[4]	500 ± 3.2
Positive Control[5]	

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	26 ± 3.0	13 ± 2.3	30 ± 2.8	19 ± 0.9	27 ± 1.0
100.0	21 ± 1.9	13 ± 0.0	32 ± 0.9	32 ± 0.6	30 ± 2.7
333.0	18 ± 3.4	12 ± 2.3	30 ± 1.5	19 ± 1.2	22 ± 2.1
1000.0	17 ± 1.2	12 ± 2.0	29 ± 1.2	27 ± 2.5	20 ± 2.7
3333.0	16 ± 1.0[p]	13 ± 3.5[p]	25 ± 1.7[p]	20 ± 4.1[p]	19 ± 1.2[p]
6666.0		8 ± 0.6[p]			
10000.0	15 ± 0.6[p]		27 ± 2.0[p]	23 ± 3.5[p]	22 ± 3.4[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]			389 ± 17.5	483 ± 12.2	1482 ± 54.2
Positive Control[6]	1152 ± 9.6	1115 ± 88.9			

Experiment Number: **598195**

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

G06: Ames Summary Data

Test Compound: **N-Ethyl-N-phenyl benzylamine**

CAS Number: **92-59-1**

Date Report Requested: **09/14/2018**

Time Report Requested: **18:52:12**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	19 ± 2.1
100.0	24 ± 2.6
333.0	25 ± 4.3
1000.0	23 ± 3.2
3333.0	27 ± 3.5[p]
6666.0	
10000.0	18 ± 1.5[p]
Trial Summary	Negative
Positive Control[3]	1492 ± 153.8
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
x: Slight Toxicity and Precipitate

** END OF REPORT **