Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

NTP Study Number: 737462

Study Result: Negative

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	86 ± 3.3	124 ± 9.9	102 ± 8.6	138 ± 7.0	99 ± 5.9
1.0	91 ± 3.2				
3.3		126 ± 0.6		121 ± 1.9	
10.0	125 ± 17.5	115 ± 8.2	103 ± 11.0	115 ± 9.4	112 ± 7.3
33.3	103 ± 12.8	112 ± 7.2	97 ± 6.7	125 ± 11.6	115 ± 4.7
100.0	52 ± 11.5	14 ± 2.2[s]	95 ± 10.8	116 ± 9.2	102 ± 1.7
333.3	28 ± 11.9[s]	2 ± 1.7[s]	86 ± 0.9	82 ± 4.7	92 ± 12.5
666.7	Toxic		8 ± 4.1[s]		Toxic
1000.0					
3333.3					
10000.0					
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control[2]			566 ± 25.3	596 ± 29.5	1172 ± 81.3
Positive Control[3]	533 ± 6.9	550 ± 8.1			

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Date Report Requested: **09/17/2018**

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	131 ± 7.3
1.0	
3.3	129 ± 5.5
10.0	115 ± 7.9
33.3	103 ± 3.0
100.0	120 ± 4.0
333.3	101 ± 13.0
666.7	
1000.0	
3333.3	
10000.0	
Trial Summary	Negative
Positive Control[2]	556 ± 9.5
Positive Control[3]	

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	24 ± 2.9	25 ± 6.0	14 ± 1.2	12 ± 2.9	14 ± 3.5
2.5	24 ± 1.5				
3.3		24 ± 0.3		12 ± 1.5	
10.0	28 ± 9.5	15 ± 2.4	13 ± 2.3	12 ± 3.2	13 ± 4.4
33.3	29 ± 0.7	20 ± 3.4	14 ± 0.9	11 ± 1.8	14 ± 4.2
100.0	23 ± 3.6	6 ± 2.3[s]	16 ± 0.9	13 ± 2.4	9 ± 2.1
333.3	15 ± 2.2[s]	Toxic	7 ± 0.9	7 ± 3.0	8 ± 0.3
666.7	Toxic		Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	353 ± 46.4	438 ± 5.3			
Positive Control[4]			214 ± 15.9	334 ± 51.3	300 ± 40.3

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.9
2.5	
3.3	14 ± 0.3
10.0	19 ± 0.7
33.3	11 ± 2.3
100.0	12 ± 3.2
333.3	11 ± 1.2
666.7	
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	367 ± 6.2

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	6 ± 1.2	11 ± 2.7	16 ± 2.0	20 ± 0.3	17 ± 1.2
2.5	9 ± 3.0				
3.3		7 ± 0.0		21 ± 1.9	
10.0	5 ± 0.3	8 ± 2.3	8 ± 1.0	18 ± 0.0	13 ± 2.5
33.3	5 ± 0.9	10 ± 2.5	12 ± 2.0	18 ± 6.7	13 ± 2.6
100.0	6 ± 0.6	3 ± 0.9[s]	6 ± 1.2	10 ± 2.8	14 ± 1.2
333.3	5 ± 1.5[s]	0 ± 0.0[s]	8 ± 0.3	10 ± 2.6	4 ± 1.3
666.7	Toxic		5 ± 0.9		3 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			52 ± 2.3	287 ± 3.6	132 ± 10.4
Positive Control[5]	277 ± 25.9	163 ± 24.0			

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	26 ± 3.5
2.5	
3.3	21 ± 1.0
10.0	17 ± 0.7
33.3	19 ± 3.5
100.0	9 ± 1.5
333.3	7 ± 1.5
666.7	
Trial Summary	Negative
Positive Control[4]	467 ± 13.0
Positive Control[5]	

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	26 ± 1.2	25 ± 2.4	24 ± 2.7	22 ± 5.0	37 ± 5.2
1.0	16 ± 1.2				
3.3		18 ± 0.9		27 ± 1.2	
10.0	24 ± 2.0	18 ± 1.8	31 ± 3.5	26 ± 2.6	44 ± 2.2
33.3	26 ± 4.5	16 ± 1.2	26 ± 3.2	27 ± 1.2	39 ± 5.9
100.0	21 ± 1.8	15 ± 0.0	23 ± 3.4	23 ± 2.9	34 ± 3.8
333.3	18 ± 3.8	12 ± 2.6	26 ± 2.6	22 ± 5.1	25 ± 3.2
666.7	15 ± 1.2[s]		17 ± 2.1		28 ± 1.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			202 ± 10.3	388 ± 25.1	526 ± 83.9
Positive Control[6]	441 ± 10.5	474 ± 16.3			

Experiment Number: **737462**

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

G06: Ames Summary Data

Test Compound: **Phenyl salicylate**

CAS Number: **118-55-8**

Date Report Requested: **09/17/2018**

Time Report Requested: **05:28:21**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	35 ± 3.4
1.0	
3.3	30 ± 8.1
10.0	28 ± 0.3
33.3	30 ± 6.2
100.0	30 ± 1.2
333.3	26 ± 3.2
666.7	
Trial Summary	Negative
Positive Control[2]	934 ± 19.9
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 2-Aminoanthracene
3: 1.0 ug/Plate Sodium Azide
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 **