Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

NTP Study Number: 812918

Study Result: Negative

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	133 ± 12.9	135 ± 17.3	126 ± 9.7	146 ± 7.9	114 ± 2.2
33.0	118 ± 7.8	152 ± 20.3	109 ± 6.7	171 ± 8.8	117 ± 3.9
100.0	117 ± 3.2	149 ± 3.3	122 ± 15.5	147 ± 7.3	97 ± 13.3
333.0	114 ± 4.4	137 ± 16.2	114 ± 9.6	170 ± 12.4	119 ± 14.7
1000.0	115 ± 3.8	147 ± 12.5	116 ± 8.1	141 ± 20.3	112 ± 7.9
1666.0		122 ± 16.5		103 ± 10.4	
3333.0	43 ± 6.9[s]		63 ± 10.0[s]		66 ± 8.2[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			717 ± 41.0	315 ± 5.9	1679 ± 33.9
Positive Control[3]	239 ± 13.0	532 ± 22.0			

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	121 ± 5.7
33.0	157 ± 14.6
100.0	139 ± 26.1
333.0	142 ± 1.9
1000.0	146 ± 10.3
1666.0	137 ± 7.2
3333.0	
Trial Summary	Negative
Positive Control[2]	746 ± 23.4
Positive Control[3]	

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

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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 ± 1.5	18 ± 1.5	8 ± 2.9	12 ± 4.0	8 ± 2.9
33.0	18 ± 3.5	15 ± 1.8	10 ± 3.5	8 ± 1.2	9 ± 3.1
100.0	20 ± 2.7	15 ± 0.6	4 ± 1.0	11 ± 2.6	8 ± 1.9
333.0	18 ± 3.5	20 ± 1.8	8 ± 0.7	9 ± 3.0	11 ± 1.5
1000.0	12 ± 2.3	11 ± 2.9	7 ± 1.5	7 ± 1.0	5 ± 0.9
1666.0		7 ± 0.3		6 ± 1.2	
3333.0	2 ± 0.9		3 ± 0.3		2 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	295 ± 7.7	572 ± 36.3			
Positive Control[4]			413 ± 14.2	107 ± 18.6	712 ± 43.0

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	9 ± 2.9
33.0	9 ± 0.3
100.0	8 ± 1.2
333.0	8 ± 1.0
1000.0	5 ± 0.7
1666.0	5 ± 0.9
3333.0	
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	482 ± 22.8

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	178 ± 8.6	141 ± 10.7	175 ± 10.5	160 ± 4.7	175 ± 10.8
33.0	164 ± 2.1	145 ± 5.8	188 ± 6.8	171 ± 3.8	186 ± 1.9
100.0	157 ± 3.2	140 ± 5.0	183 ± 5.5	180 ± 11.3	190 ± 7.2
333.0	158 ± 3.9	141 ± 14.4	166 ± 15.3	178 ± 2.3	177 ± 14.5
1000.0	162 ± 4.7	152 ± 5.8	169 ± 11.7	161 ± 13.3	201 ± 2.1
1666.0		110 ± 3.8		132 ± 14.3	
3333.0	21 ± 5.7[s]		115 ± 12.6		157 ± 18.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			764 ± 15.1	1528 ± 105.9	743 ± 21.7
Positive Control[5]	673 ± 11.5	879 ± 21.2			

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	177 ± 1.7
33.0	177 ± 12.4
100.0	169 ± 23.7
333.0	178 ± 20.2
1000.0	173 ± 3.4
1666.0	139 ± 18.1
3333.0	
Trial Summary	Negative
Positive Control[4]	1135 ± 20.6
Positive Control[5]	

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.9	17 ± 4.2	28 ± 1.7	29 ± 2.1	21 ± 2.1
33.0	14 ± 3.9	15 ± 0.3	20 ± 3.2	24 ± 2.4	24 ± 4.0
100.0	13 ± 3.4	16 ± 1.2	26 ± 1.0	21 ± 1.9	27 ± 2.0
333.0	9 ± 1.3	16 ± 1.5	25 ± 2.3	21 ± 2.2	17 ± 0.9
1000.0	10 ± 1.8	11 ± 4.5	19 ± 4.5	18 ± 2.9	17 ± 1.0
1666.0		8 ± 3.2		20 ± 1.3	
3333.0	4 ± 1.5		9 ± 2.1		13 ± 2.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			333 ± 19.5		838 ± 55.9
Positive Control[6]				157 ± 4.9	
Positive Control[7]		675 ± 34.1			
Positive Control[8]	519 ± 12.3				

Experiment Number: **812918**

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

G06: Ames Summary Data

Test Compound: **2-Hydroxybenzamide**

CAS Number: **65-45-2**

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

Time Report Requested: **13:44:58**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	27 ± 2.7
33.0	29 ± 3.8
100.0	25 ± 2.2
333.0	29 ± 1.8
1000.0	18 ± 2.3
1666.0	22 ± 2.5
3333.0	
Trial Summary	Negative
Positive Control[2]	308 ± 39.5
Positive Control[6]	
Positive Control[7]	
Positive Control[8]	

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: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
7: 5.0 ug/Plate 2-Aminoanthracene
8: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **