Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

NTP Study Number: 001911

Study Result: Negative

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	113 ± 8.7	96 ± 2.8	117 ± 17.1	110 ± 7.3	110 ± 0.9
1.0	100 ± 2.4				
3.0	117 ± 7.5	113 ± 6.7	108 ± 8.2	109 ± 17.7	100 ± 2.0
10.0	106 ± 9.0	94 ± 15.6	101 ± 0.7	106 ± 4.2	114 ± 6.1
33.0	136 ± 3.2	103 ± 5.5	120 ± 10.9	83 ± 2.9	103 ± 13.9
100.0	109 ± 12.2	125 ± 13.3	93 ± 6.3	107 ± 3.2	104 ± 9.1
166.0		97 ± 10.2[s]		114 ± 5.9	
333.0			Toxic		50 ± 50.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			546 ± 21.2	464 ± 5.2	1408 ± 32.1
Positive Control[3]	378 ± 12.7	348 ± 10.4			

Experiment Number: **001911**

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Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	120 ± 7.0
1.0	
3.0	106 ± 2.7
10.0	98 ± 20.3
33.0	90 ± 7.2
100.0	96 ± 2.7
166.0	87 ± 4.0
333.0	
Trial Summary	Negative
Positive Control[2]	1067 ± 33.1
Positive Control[3]	

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	27 ± 1.2	23 ± 4.0	12 ± 0.3	9 ± 1.5	7 ± 1.2
1.0	38 ± 3.2				
3.0	36 ± 3.2	26 ± 0.7	6 ± 0.3	8 ± 2.1	9 ± 1.9
10.0	36 ± 3.2	31 ± 3.2	8 ± 1.3	7 ± 0.9	10 ± 2.1
16.0		29 ± 0.6			
33.0	69 ± 11.0	39 ± 3.5	6 ± 0.7	4 ± 0.6	9 ± 3.3
100.0	34 ± 4.2	37 ± 4.4	7 ± 0.6	6 ± 0.6	7 ± 0.9
166.0				5 ± 0.7	
333.0			0 ± 0.0[s]		0 ± 0.0[s]
Trial Summary	Equivocal	Negative	Negative	Negative	Negative
Positive Control[3]	392 ± 7.5	366 ± 31.1			
Positive Control[4]			168 ± 3.8	257 ± 29.8	302 ± 127.5

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	7 ± 0.3
1.0	
3.0	10 ± 1.5
10.0	8 ± 2.2
16.0	
33.0	5 ± 1.3
100.0	5 ± 0.7
166.0	4 ± 0.9
333.0	
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	452 ± 6.0

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

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 ± 1.5	3 ± 0.7	7 ± 0.3	6 ± 1.5	6 ± 1.2
1.0	5 ± 0.7				
3.0	5 ± 2.1	5 ± 1.9	7 ± 0.9	5 ± 1.2	6 ± 1.2
10.0	3 ± 0.3	5 ± 1.2	6 ± 1.0	4 ± 0.9	4 ± 1.3
33.0	4 ± 0.6	5 ± 1.2	6 ± 2.8	5 ± 1.5	6 ± 0.9
100.0	5 ± 0.0	3 ± 0.7	7 ± 0.9	6 ± 0.7	5 ± 0.9
166.0		2 ± 0.9[s]		8 ± 2.2	
333.0			Toxic		0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			168 ± 8.5	160 ± 22.2	465 ± 40.4
Positive Control[5]	135 ± 32.9	241 ± 23.8			

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	5 ± 1.0
1.0	
3.0	5 ± 0.6
10.0	6 ± 0.3
33.0	5 ± 0.7
100.0	5 ± 0.6
166.0	5 ± 0.9
333.0	
Trial Summary	Negative
Positive Control[4]	422 ± 28.3
Positive Control[5]	

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	16 ± 2.0	14 ± 1.2	29 ± 2.0	22 ± 2.0	33 ± 3.5
1.0	15 ± 4.6				
3.0	19 ± 3.5	16 ± 1.5	21 ± 1.5	19 ± 2.3	28 ± 1.3
10.0	16 ± 1.5	14 ± 0.7	24 ± 2.0	19 ± 2.7	30 ± 3.3
33.0	15 ± 0.7	15 ± 1.2	28 ± 1.0	15 ± 0.9	21 ± 3.0
100.0	16 ± 1.8	9 ± 1.7	28 ± 2.1	15 ± 3.5	27 ± 1.2
166.0		7 ± 2.4[s]		21 ± 3.1	
333.0			Toxic		0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			396 ± 14.7	411 ± 13.7	1325 ± 87.4
Positive Control[6]	298 ± 9.2	480 ± 38.2			

Experiment Number: **001911**

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

G06: Ames Summary Data

Test Compound: **o-sec-Butylphenol**

CAS Number: **89-72-5**

Date Report Requested: **09/13/2018**

Time Report Requested: **23:48:10**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	24 ± 2.0
1.0	
3.0	25 ± 5.9
10.0	20 ± 6.4
33.0	24 ± 1.8
100.0	22 ± 1.9
166.0	25 ± 0.3
333.0	
Trial Summary	Negative
Positive Control[2]	1012 ± 54.6
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 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 **