Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

NTP Study Number: 638874

Study Result: Negative

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	132 ± 9.7	150 ± 8.2	131 ± 13.1	147 ± 12.0	137 ± 10.8
1.0		152 ± 12.2		170 ± 6.0	
3.0	121 ± 6.5	146 ± 11.4	127 ± 14.9	160 ± 16.9	127 ± 2.7
10.0	122 ± 15.2	155 ± 11.3	143 ± 15.0	172 ± 7.2	147 ± 9.5
33.0	126 ± 9.3	136 ± 8.0	137 ± 2.5	166 ± 2.6	149 ± 12.2
66.0		106 ± 1.7			
100.0	0 ± 0.0[s]		96 ± 9.2	158 ± 6.9	101 ± 7.0
333.0	0 ± 0.0[s]		35 ± 6.9[s]		0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1931 ± 79.9
Positive Control[3]			1020 ± 54.9	337 ± 24.2	
Positive Control[4]	629 ± 2.9	358 ± 4.9			

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	168 ± 1.2
1.0	159 ± 9.7
3.0	164 ± 7.3
10.0	171 ± 2.6
33.0	154 ± 6.7
66.0	
100.0	163 ± 7.5
333.0	
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	630 ± 22.0
Positive Control[4]	

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	34 ± 3.2	19 ± 1.8	13 ± 1.0	16 ± 2.0	10 ± 0.6
1.0		20 ± 0.7		10 ± 2.2	
3.0	23 ± 3.0	13 ± 2.1	10 ± 2.2	16 ± 1.5	9 ± 1.5
10.0	20 ± 2.2	18 ± 0.7	14 ± 1.9	15 ± 3.7	10 ± 1.7
33.0	28 ± 5.5	15 ± 2.6	11 ± 1.0	12 ± 1.9	12 ± 2.1
66.0		15 ± 1.2			
100.0	7 ± 3.8[s]		10 ± 1.9	10 ± 1.5	10 ± 2.2
333.0	0 ± 0.0[s]		7 ± 0.9		9 ± 1.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					446 ± 60.6
Positive Control[4]	607 ± 9.9	426 ± 8.7			
Positive Control[5]			351 ± 12.3	129 ± 8.8	

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	10 ± 2.1
1.0	9 ± 0.3
3.0	12 ± 1.2
10.0	12 ± 2.2
33.0	12 ± 0.3
66.0	
100.0	8 ± 1.3
333.0	
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	422 ± 30.5

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	126 ± 11.1	147 ± 10.0	173 ± 9.6	161 ± 13.7	164 ± 6.0
1.0		167 ± 4.7		201 ± 3.1	
3.0	154 ± 20.0	175 ± 6.1	162 ± 4.9	178 ± 5.0	191 ± 10.2
10.0	139 ± 10.4	163 ± 3.7	177 ± 5.5	175 ± 14.7	196 ± 2.9
33.0	125 ± 9.8	163 ± 2.7	166 ± 21.3	171 ± 9.0	192 ± 4.8
66.0		120 ± 4.6			
100.0	6 ± 1.0[s]		117 ± 13.8	159 ± 12.8	164 ± 4.3
333.0	0 ± 0.0[s]		0 ± 0.3[s]		0 ± 0.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1026 ± 93.3
Positive Control[3]			660 ± 6.1		
Positive Control[5]				468 ± 22.5	
Positive Control[6]	503 ± 39.6				
Positive Control[7]		840 ± 12.9			

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	192 ± 7.4
1.0	191 ± 6.3
3.0	187 ± 8.7
10.0	201 ± 7.6
33.0	199 ± 2.1
66.0	
100.0	183 ± 7.4
333.0	
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	394 ± 7.5
Positive Control[5]	
Positive Control[6]	
Positive Control[7]	

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

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 ± 3.8	17 ± 3.8	32 ± 3.7	37 ± 2.9	39 ± 4.9
1.0		22 ± 4.0		34 ± 5.0	
3.0	32 ± 4.2	19 ± 1.2	35 ± 1.7	31 ± 3.5	38 ± 6.2
10.0	35 ± 1.2	15 ± 1.7	39 ± 4.7	33 ± 6.9	34 ± 2.3
33.0	23 ± 1.5	22 ± 3.5	37 ± 2.3	34 ± 3.2	36 ± 2.0
66.0		18 ± 0.7			
100.0	2 ± 2.0[s]		35 ± 3.5	29 ± 5.0	30 ± 3.1
333.0	0 ± 0.0[s]		25 ± 4.3[s]		29 ± 2.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1251 ± 93.5
Positive Control[3]			547 ± 5.9	140 ± 6.4	
Positive Control[8]	890 ± 103.3	906 ± 54.0			

Experiment Number: **638874**

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

G06: Ames Summary Data

Test Compound: **p-n-Octyloxybenzoic acid**

CAS Number: **2493-84-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **23:35:37**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	33 ± 3.6
1.0	29 ± 2.1
3.0	34 ± 4.7
10.0	32 ± 4.0
33.0	33 ± 6.6
66.0	
100.0	30 ± 1.0
333.0	
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	386 ± 11.0
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: 0.5 ug/Plate 2-Aminoanthracene
3: 1.0 ug/Plate 2-Aminoanthracene
4: 1.0 ug/Plate Sodium Azide
5: 2.5 ug/Plate 2-Aminoanthracene
6: 25.0 ug/Plate 9-Aminoacridine
7: 50.0 ug/Plate 9-Aminoacridine
8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **