Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

NTP Study Number: 151446

Study Result: Positive

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	155 ± 7.6	165 ± 9.1	164 ± 6.7
100.0	166 ± 7.5	178 ± 3.8	160 ± 8.1
333.0	158 ± 3.7	178 ± 6.7	155 ± 7.9
1000.0	181 ± 4.7	189 ± 3.8	141 ± 4.3
3333.0	166 ± 5.0	139 ± 17.2	143 ± 3.8
10000.0	175 ± 7.9	141 ± 21.4	143 ± 5.9
Trial Summary	Negative	Negative	Negative
Positive Control[2]		467 ± 2.6	1173 ± 6.7
Positive Control[3]	357 ± 7.7		

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	30 ± 0.9	13 ± 1.5	16 ± 1.5
100.0	33 ± 2.0	15 ± 1.2	11 ± 1.5
333.0	37 ± 3.5	15 ± 0.3	11 ± 1.9
1000.0	34 ± 1.2	16 ± 4.3	10 ± 3.5
3333.0	24 ± 1.7	10 ± 2.0	8 ± 1.5
10000.0	22 ± 3.3	8 ± 0.3	11 ± 3.8
Trial Summary	Negative	Negative	Negative
Positive Control[3]	430 ± 22.0		
Positive Control[4]		152 ± 5.5	430 ± 8.7

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	14 ± 1.5	12 ± 2.1	22 ± 1.7
100.0	14 ± 2.3	12 ± 0.6	21 ± 1.7
333.0	13 ± 2.9	14 ± 3.5	19 ± 1.0
1000.0	26 ± 1.9	17 ± 1.2	15 ± 2.0
3333.0	49 ± 0.7	20 ± 2.9	29 ± 1.2
10000.0	142 ± 9.0	37 ± 6.7	58 ± 7.7
Trial Summary	Positive	Equivocal	Equivocal
Positive Control[4]		131 ± 11.2	331 ± 1.7
Positive Control[5]	817 ± 61.4		

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	137 ± 11.1	137 ± 6.5	194 ± 12.0	168 ± 2.7	181 ± 2.8
100.0	172 ± 5.8	152 ± 5.6	244 ± 5.5	193 ± 10.4	219 ± 23.5
333.0	183 ± 8.4	208 ± 26.4	231 ± 12.7	248 ± 14.1	281 ± 22.2
1000.0	276 ± 14.3	322 ± 11.7	256 ± 13.0	301 ± 14.2	323 ± 11.6
3333.0	470 ± 31.2	486 ± 18.9	271 ± 8.7	308 ± 5.0	412 ± 22.0
10000.0	827 ± 48.1	110 ± 23.2	430 ± 26.4	479 ± 49.2	644 ± 39.7
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control[4]			915 ± 12.3	959 ± 48.4	1696 ± 26.4
Positive Control[5]	1191 ± 175.8	1717 ± 106.6			

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA97

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	150 ± 3.9
100.0	173 ± 11.9
333.0	236 ± 0.9
1000.0	292 ± 14.5
3333.0	308 ± 18.3
10000.0	572 ± 22.0
Trial Summary	Positive
Positive Control[4]	1771 ± 39.6
Positive Control[5]	

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	29 ± 2.3	33 ± 6.4	37 ± 7.5	41 ± 4.3	49 ± 7.9
100.0	25 ± 3.2	38 ± 1.0	47 ± 3.7	40 ± 1.7	46 ± 2.3
333.0	45 ± 5.5	42 ± 5.0	48 ± 3.2	43 ± 4.4	50 ± 6.5
1000.0	87 ± 4.4	82 ± 3.0	51 ± 4.5	74 ± 6.9	63 ± 1.8
3333.0	178 ± 12.8	163 ± 10.4	89 ± 6.3	95 ± 5.6	153 ± 9.4
10000.0	340 ± 6.6	349 ± 20.3	292 ± 13.5	229 ± 4.8	412 ± 35.7
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control[2]			176 ± 6.1	254 ± 25.5	675 ± 49.9
Positive Control[6]	1373 ± 49.2	1731 ± 50.2			

Experiment Number: **151446**

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

G06: Ames Summary Data

Test Compound: **o-Nitrobenzamide**

CAS Number: **610-15-1**

Date Report Requested: **09/12/2018**

Time Report Requested: **15:00:30**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	49 ± 4.7
100.0	56 ± 4.1
333.0	68 ± 3.5
1000.0	78 ± 7.3
3333.0	164 ± 5.4
10000.0	456 ± 10.7
Trial Summary	Positive
Positive Control[2]	1218 ± 172.0
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

** END OF REPORT **