Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

NTP Study Number: G18022B

Study Result: Negative

Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

Strain: TA100

Dose (dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	114.3 ± 10.3	82.7 ± 1.7	84.3 ± 11.7	85 ± 1.0
1:6400	102.7 ± 2.7	67 ± 5.1		
1:3200	108 ± 2.0	82.3 ± 2.7		
1:1600	106.3 ± 2.7	67.3 ± 1.8	102.7 ± 6.0	71.7 ± 2.3
1:800	101.3 ± 3.8	58.3 ± 9.0	108 ± 7.6	72 ± 5.7
1:400	0 ± 0.0	0 ± 0.0	104.7 ± 9.4	82.3 ± 1.9
1:200	0 ± 0.0[s]	0 ± 0.0[s]	92.7 ± 9.3	82.7 ± 7.8
1:100			68.3 ± 4.2	55.7 ± 5.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[2]	821 ± 72.7	595 ± 42.5		
Positive Control[3]			704.7 ± 25.2	639 ± 126.1

Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

Strain: TA1535

Dose (dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	10.3 ± 0.7	13.3 ± 3.0	12 ± 3.2	13 ± 1.5
1:6400	19.7 ± 5.2	17.3 ± 3.2		
1:3200	17.3 ± 4.9	14.3 ± 1.3		
1:1600	11.3 ± 0.9	18.7 ± 1.5	11.7 ± 4.7	12 ± 2.6
1:800	15 ± 3.5	14 ± 1.2	9.7 ± 0.7	13.7 ± 1.5
1:400	9 ± 5.2	5.7 ± 1.9	11.7 ± 0.7	11.7 ± 1.9
1:200	0 ± 0.0[s]	0 ± 0.0[s]	5.7 ± 0.9	11.3 ± 1.7
1:100			8.7 ± 0.3	8.3 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[2]	606 ± 12.6	514.3 ± 4.4		
Positive Control[4]			345 ± 51.1	298.7 ± 37.6

Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

Strain: TA97a

Dose (dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	101 ± 5.6	128.3 ± 10.3	171.7 ± 5.7	151 ± 3.5
1:12800	121 ± 19.1	114.7 ± 12.7		
1:6400	115.3 ± 5.5	113 ± 4.6		
1:3200	117.3 ± 5.8	109.3 ± 1.2		
1:1600	129 ± 7.0	139.7 ± 4.8	177.7 ± 7.5	164.7 ± 13.0
1:800	98 ± 7.8	128.7 ± 4.7	153.7 ± 11.7	174.3 ± 0.7
1:400	0 ± 0.0	125 ± 10.0	184 ± 21.5	157.3 ± 5.0
1:200			137 ± 7.6	114.3 ± 12.9
1:100			126.3 ± 3.7	61 ± 4.2
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[5]	2631.7 ± 124.7	1903.7 ± 202.7		
Positive Control[4]			1644.3 ± 495.9	1516.3 ± 47.7

Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

Strain: TA98

Dose (dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	48.3 ± 4.7	42 ± 1.2	54.3 ± 9.4	37.7 ± 7.2
1:6400	48.7 ± 4.8	37.3 ± 2.7		
1:3200	53 ± 12.5	47 ± 2.1		
1:1600	53 ± 4.5	41.3 ± 3.9	41.3 ± 3.9	47 ± 5.9
1:800	45.7 ± 12.0	40 ± 3.8	45.7 ± 3.2	35 ± 3.0
1:400	0 ± 0.0	9.7 ± 5.0	73 ± 6.8	44 ± 5.0
1:200	0 ± 0.0[s]	0 ± 0.0[s]	50.7 ± 7.7	30 ± 6.1
1:100			42.7 ± 2.4	24.7 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[6]			1323.3 ± 66.1	1641.7 ± 99.3
Positive Control[7]	444.7 ± 60.3	518.7 ± 48.3		

Experiment Number: **G18022B**

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

G06: Ames Summary Data

Test Compound: **Buccaneer Plus**

CAS Number: **BUCCANEERPLUS**

Date Report Requested: **08/17/2021**

Time Report Requested: **16:10:20**

Strain: E. coli WP2 uvrA pKM101

Dose (dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	142.3 ± 10.7	177.3 ± 5.8	184.7 ± 8.3	224 ± 3.2
1:6400	143.7 ± 9.9	193 ± 15.7		
1:3200	154 ± 10.6	195.3 ± 17.4		
1:1600	143.3 ± 6.3	177 ± 10.0	155 ± 5.3	255.7 ± 12.0
1:800	136.7 ± 5.8	190.3 ± 5.5	175.7 ± 17.4	207 ± 15.7
1:400	102.7 ± 3.8	180.3 ± 9.0	155.3 ± 4.4	207 ± 1.2
1:200	30 ± 26.1	0 ± 0.0	149.3 ± 6.9	198.3 ± 15.6
1:100			132.3 ± 11.9	165 ± 26.5
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[8]	2467.3 ± 73.6	2191.7 ± 159.6		
Positive Control[9]			958.3 ± 69.6	1308 ± 60.3

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
The S9 fraction refers to the liver unless otherwise indicated
1: Vehicle Control: Water
2: 1 ug/plate Sodium Azide
3: 2 ug/plate Benzo[a]pyrene
4: 2.5 ug/plate 2-Aminoanthracene
5: 0.25 ug/plate ICR191
6: 2 ug/plate 2-Aminoanthracene
7: 3 ug/plate 2-Nitrofluorene
8: 0.25 ug/plate 4-Nitroquinoline-N-oxide
9: 20 ug/plate 2-Aminoanthracene
s: Slight Toxicity

** END OF REPORT **