

Experiment Number: **G18034B**

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

**G06: Ames Summary Data**

Test Compound: **Remuda Full Strength**

CAS Number: **REMUDA**

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

Time Report Requested: **17:11:43**

**NTP Study Number:**

G18034B

**Study Result:**

Negative

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## Strain: TA100

Dose (Dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	88.3 ± 6.5	91 ± 7.2	86 ± 2.6	96.7 ± 13.4
1:51200	81.3 ± 6.4	71.7 ± 3.8		
1:25600	76.3 ± 4.1	64 ± 4.0		
1:12800	78 ± 2.3	93.7 ± 2.2		
1:6400	75.3 ± 5.8	77.3 ± 9.7	65.7 ± 4.3	86.3 ± 4.4
1:3200	0 ± 0.0	62.7 ± 10.7	77 ± 6.6	86.7 ± 6.3
1:1600	0 ± 0.0	0 ± 0.0	65.7 ± 11.2	79.7 ± 8.2
1:800			54.7 ± 3.3	76.3 ± 6.6
1:400			0 ± 0.0	56.7 ± 10.7
1:200			0 ± 0.0	0 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	619 ± 20.1	633.3 ± 23.9		
Positive Control <sup>3</sup>			537.3 ± 34.9	713 ± 77.5

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## Strain: TA1535

Dose (Dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	16 ± 3.0	9.7 ± 2.2	17.3 ± 0.3	10 ± 2.1
1:51200	17.3 ± 0.3	9.7 ± 1.2		
1:25600	14.7 ± 1.2	11.3 ± 1.5		
1:12800	15.7 ± 1.9	11.3 ± 0.9		
1:6400	16 ± 1.0	11 ± 1.2	15.3 ± 1.2	11.7 ± 1.5
1:3200	10.7 ± 3.7	13 ± 2.1	13.3 ± 3.9	7.3 ± 0.7
1:1600	3.3 ± 3.3	8 ± 1.2	15.3 ± 3.2	10.3 ± 0.3
1:800			14 ± 2.3	9.3 ± 0.9
1:400			10.3 ± 2.0	9.7 ± 1.5
1:200			0 ± 0.0	0 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	820.7 ± 100.1	312 ± 33.3		
Positive Control <sup>4</sup>			260.3 ± 14.7	218.7 ± 2.3

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Strain: TA97a				
Dose (Dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	122.3 ± 9.2	117.7 ± 3.7	134.3 ± 3.8	169.3 ± 3.5
1:51200	126.3 ± 4.6	125 ± 8.5		
1:25600	127 ± 11.2	129.7 ± 8.9		
1:12800	102.3 ± 1.2	119.3 ± 9.7		
1:6400	118 ± 3.2	97 ± 3.1	136.7 ± 12.2	192 ± 8.3
1:3200	52.3 ± 10.6	23 ± 23.0	142.3 ± 2.9	183.3 ± 5.5
1:1600	0 ± 0.0	0 ± 0.0	140 ± 10.0	193.3 ± 5.8
1:800			126 ± 5.7	142 ± 8.5
1:400			49.3 ± 6.6	78 ± 5.3
1:200			0 ± 0.0	0 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>	3193.3 ± 97.1	3787.3 ± 117.3		
Positive Control <sup>4</sup>			2599.3 ± 50.9	2141.7 ± 135.8

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**Strain: TA98**

Dose (Dilution)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	24.7 ± 3.3	30.7 ± 3.5	33.7 ± 1.5	36 ± 2.9
1:51200	33.7 ± 5.0	34 ± 1.0		
1:25600	41 ± 2.5	25 ± 1.5		
1:12800	29.7 ± 4.8	38 ± 5.6		
1:6400	29.3 ± 2.9	36.7 ± 6.5	33.7 ± 6.4	29.7 ± 4.3
1:3200	7.3 ± 3.7	3 ± 3.0	33.7 ± 1.7	38.3 ± 5.2
1:1600	0 ± 0.0	0 ± 0.0	35.7 ± 2.4	29.7 ± 1.8
1:800			31 ± 3.2	31.7 ± 0.9
1:400			18 ± 2.6	23 ± 8.4
1:200			0 ± 0.0	0 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>6</sup>			2265.7 ± 141.3	2441.3 ± 157.0
Positive Control <sup>7</sup>	554 ± 1.2	361 ± 15.3		

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**Strain: E. coli WP2 uvrA pKM101**

<b>Dose (Dilution)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>
Vehicle Control <sup>1</sup>	115 ± 5.0	157.3 ± 11.4	154 ± 5.0	177.3 ± 19.9
1:3200	114 ± 5.7	128.7 ± 3.4	150.3 ± 5.8	165.7 ± 4.4
1:1600	109.7 ± 6.1	125.7 ± 12.6	153.3 ± 6.2	156.7 ± 10.9
1:800	103 ± 4.6	143.3 ± 6.2	157.3 ± 5.2	194 ± 9.5
1:400	84 ± 11.5	115.3 ± 2.4	143.7 ± 7.8	202 ± 6.0
1:200	0 ± 0.0	68.3 ± 4.7	143 ± 3.8	197.3 ± 6.2
1:100	0 ± 0.0	0 ± 0.0	97.7 ± 1.7	109 ± 6.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>8</sup>	3385.3 ± 206.5	2568.7 ± 143.7		
Positive Control <sup>9</sup>			1154 ± 165.1	1167 ± 125.9

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### **LEGEND**

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Values given as Mean or Mean  $\pm$  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

**\*\* END OF REPORT \*\***