

Experiment Number: **A94339**

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

**G06: Ames Summary Data**

Test Compound: **Metal Working Fluids: Trim VX**

CAS Number: **TRIMVX**

Date Report Requested: **09/15/2018**

Time Report Requested: **12:59:43**

**NTP Study Number:**

A94339

**Study Result:**

Negative

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**Strain: TA100**

<b>Dose (ug/Plate)</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>	59 ± 7.5	57 ± 1.7	47 ± 0.6	67 ± 8.0
500.0	31 ± 5.6	43 ± 2.7	58 ± 3.4	82 ± 3.5
1000.0	31 ± 2.0	41 ± 1.5	55 ± 6.8	55 ± 0.9
4000.0	19 ± 3.2	26 ± 4.0	48 ± 5.2	51 ± 5.2
7000.0	20 ± 3.5	18 ± 2.0	36 ± 1.8	30 ± 1.0
10000.0	50 ± 5.4 <sup>P</sup>	24 ± 6.2 <sup>P</sup>	30 ± 4.0 <sup>P</sup>	30 ± 1.5 <sup>P</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	354 ± 13.0	459 ± 1.7		
Positive Control <sup>3</sup>			598 ± 18.6	637 ± 56.0

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	25 ± 3.8	15 ± 0.7	27 ± 7.0	20 ± 2.3
500.0	12 ± 3.6	16 ± 0.9	31 ± 2.1	29 ± 4.1
1000.0	10 ± 1.5	12 ± 1.5	23 ± 1.0	23 ± 2.6
4000.0	13 ± 2.3	14 ± 3.4	31 ± 3.7	25 ± 2.3
7000.0	7 ± 1.2	8 ± 1.9	20 ± 1.2	14 ± 4.0
10000.0	7 ± 0.3 <sup>p</sup>	8 ± 2.5 <sup>p</sup>	23 ± 8.3 <sup>p</sup>	11 ± 0.6 <sup>p</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			947 ± 41.6	796 ± 63.9
Positive Control <sup>4</sup>	418 ± 17.8	343 ± 52.0		

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

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	201 ± 6.8	110 ± 8.5	190 ± 6.7	127 ± 2.6
500.0	224 ± 10.1	151 ± 18.6	158 ± 41.6	187 ± 5.2
1000.0	217 ± 4.7	147 ± 5.7	150 ± 29.5	224 ± 6.4
4000.0	177 ± 1.9	122 ± 9.7	191 ± 13.5	185 ± 10.7
7000.0	151 ± 2.3	127 ± 8.5	99 ± 20.0	165 ± 21.7
10000.0	127 ± 4.9 <sup>p</sup>	114 ± 9.6 <sup>p</sup>	69 ± 5.0 <sup>p</sup>	175 ± 16.1 <sup>p</sup>
Trial Summary	Negative	Negative	Negative	Equivocal
Positive Control <sup>5</sup>			694 ± 64.8	620 ± 68.4
Positive Control <sup>6</sup>	731 ± 27.5	607 ± 24.2		

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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

1: Vehicle Control: Water

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

p: Precipitate

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