

Experiment Number: 256211

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

G06: Ames Summary Data

Test Compound: **Azinphosmethyl**

CAS Number: **86-50-0**

Date Report Requested: **09/11/2018**

Time Report Requested: **02:36:59**

NTP Study Number:

256211

Study Result:

Positive

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G06: Ames Summary Data

Test Compound: **Azinphosmethyl**

CAS Number: **86-50-0**

Date Report Requested: **09/11/2018**

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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	127 ± 8.2	181 ± 2.2	172 ± 9.6
100.0	128 ± 12.8	180 ± 7.1	184 ± 8.1
333.0	104 ± 7.9	178 ± 2.3	165 ± 17.8
1000.0	158 ± 9.3	182 ± 12.5	177 ± 6.2
3333.0	147 ± 0.6 ^P	130 ± 6.8	178 ± 19.4
6666.0	78 ± 6.4 ^P	25 ± 4.2 ^P	9 ± 5.9 ^P
Trial Summary	Negative	Negative	Negative
Positive Control ²			837 ± 39.5
Positive Control ³		440 ± 26.1	
Positive Control ⁴	955 ± 37.8		

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	27 ± 3.5	24 ± 1.7	50 ± 2.9	30 ± 1.2	37 ± 0.7
33.0			46 ± 4.1		43 ± 4.1
100.0	30 ± 4.3	48 ± 8.0	53 ± 2.3	44 ± 5.6	36 ± 4.9
333.0	30 ± 1.8	64 ± 1.3		103 ± 7.8	175 ± 15.5
666.0			93 ± 9.0		243 ± 16.8
1000.0	38 ± 2.9	249 ± 12.7	184 ± 7.1	468 ± 42.0	411 ± 6.4
3333.0	22 ± 4.7 ^P	386 ± 40.0	364 ± 10.8	1444 ± 14.2	
6666.0	25 ± 3.2 ^P	329 ± 23.0 ^P		0 ± 0.0 ^X	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		116 ± 13.5	183 ± 8.1	594 ± 61.2	541 ± 2.1
Positive Control ⁵	666 ± 28.4				

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LEGEND

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: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

x: Slight Toxicity and Precipitate

**** END OF REPORT ****