

Experiment Number: A76160

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Indol-3-yl sodium phosphate

CAS Number: 3318-43-2

Date Report Requested: 09/17/2018

Time Report Requested: 22:52:14

NTP Study Number:

A76160

Study Result:

Positive

Experiment Number: A76160

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Indol-3-yl sodium phosphate
CAS Number: 3318-43-2

Date Report Requested: 09/17/2018

Time Report Requested: 22:52:14

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	104 ± 6.4	105 ± 9.1	123 ± 9.8	132 ± 9.3	122 ± 14.6
100.0	100 ± 5.2	118 ± 4.0	148 ± 5.8	144 ± 7.8	136 ± 4.4
333.0	135 ± 10.2	143 ± 6.1	143 ± 10.3	137 ± 12.4	164 ± 10.7
1000.0	150 ± 14.1	130 ± 12.5	199 ± 16.5	173 ± 8.1	184 ± 10.0
3333.0	159 ± 4.4 ^P	143 ± 4.5 ^P	174 ± 2.9 ^P	159 ± 15.0 ^P	193 ± 1.8 ^P
10000.0	151 ± 11.6 ^P	147 ± 9.2 ^P	169 ± 11.8 ^P	145 ± 3.3 ^P	203 ± 5.7 ^P
Trial Summary	Equivocal	Equivocal	Equivocal	Equivocal	Weakly Positive
Positive Control ²					795 ± 60.9
Positive Control ³	435 ± 20.8	384 ± 17.3			
Positive Control ⁴			542 ± 2.2	359 ± 14.2	

Experiment Number: A76160
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Indol-3-yl sodium phosphate
CAS Number: 3318-43-2

Date Report Requested: 09/17/2018
Time Report Requested: 22:52:14

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	137 ± 7.7
100.0	150 ± 4.3
333.0	137 ± 1.7
1000.0	167 ± 5.8
3333.0	178 ± 3.8 ^p
10000.0	166 ± 3.4 ^p
Trial Summary	Equivocal
Positive Control ²	570 ± 10.8
Positive Control ³	
Positive Control ⁴	

Experiment Number: A76160

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Indol-3-yl sodium phosphate
CAS Number: 3318-43-2

Date Report Requested: 09/17/2018

Time Report Requested: 22:52:14

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	20 ± 2.5	19 ± 0.7	22 ± 3.5	19 ± 0.9	27 ± 0.9
100.0	16 ± 3.7	24 ± 4.1	31 ± 3.8	21 ± 3.8	32 ± 3.2
333.0	17 ± 5.6	28 ± 1.0	34 ± 2.8	33 ± 2.2	38 ± 3.8
1000.0	27 ± 4.7	30 ± 5.4	42 ± 0.9	36 ± 3.8	47 ± 3.1
3333.0	41 ± 2.6 ^p	54 ± 5.3 ^p	34 ± 5.4 ^p	35 ± 2.9 ^p	36 ± 4.8 ^p
10000.0	48 ± 3.2 ^p	63 ± 1.2 ^p	34 ± 2.2 ^p	29 ± 2.6 ^p	35 ± 6.4 ^p
Trial Summary	Positive	Positive	Equivocal	Weakly Positive	Negative
Positive Control ⁵	189 ± 10.1	190 ± 6.3			
Positive Control ²			244 ± 15.1	209 ± 1.2	780 ± 33.9

Experiment Number: A76160
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Indol-3-yl sodium phosphate
CAS Number: 3318-43-2

Date Report Requested: 09/17/2018
Time Report Requested: 22:52:14

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	19 ± 3.5
100.0	25 ± 0.9
333.0	36 ± 1.5
1000.0	46 ± 5.0
3333.0	42 ± 2.3 ^P
10000.0	39 ± 2.1 ^P
Trial Summary	Positive
Positive Control ⁵	
Positive Control ²	588 ± 48.5

Experiment Number: A76160
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Indol-3-yl sodium phosphate
CAS Number: 3318-43-2

Date Report Requested: 09/17/2018
Time Report Requested: 22:52:14

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: Water

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.0 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

**** END OF REPORT ****