

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate

CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

**NTP Study Number:**

422335

**Study Result:**

Positive

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate  
CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

## Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	147 ± 2.6	156 ± 5.2	162 ± 5.5	161 ± 13.2	173 ± 1.8
10.0			164 ± 15.2		170 ± 10.8
33.0			185 ± 12.1		164 ± 8.7
100.0	150 ± 19.0	260 ± 36.4	206 ± 8.3	278 ± 17.9	207 ± 11.8
333.0	152 ± 16.0	353 ± 43.4	244 ± 20.3	496 ± 47.3	342 ± 20.8
1000.0	119 ± 21.2	414 ± 47.1	272 ± 12.4	551 ± 52.4	458 ± 12.7
3333.0	112 ± 21.7	370 ± 63.0		527 ± 59.0	
10000.0	139 ± 11.3	410 ± 46.3		541 ± 51.2	
Trial Summary	Negative	Positive	Weakly Positive	Positive	Positive
Positive Control <sup>2</sup>				981 ± 7.7	1865 ± 39.6
Positive Control <sup>3</sup>		1041 ± 31.2	1258 ± 126.3		
Positive Control <sup>4</sup>	561 ± 6.7				

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate  
CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

## Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	27 ± 3.0	19 ± 2.0	9 ± 1.8	9 ± 3.2	9 ± 2.2
33.0			10 ± 2.3		11 ± 1.8
100.0	26 ± 1.7	33 ± 2.0	18 ± 1.5	21 ± 2.2	16 ± 1.0
333.0	27 ± 2.2	68 ± 3.9	35 ± 3.2	93 ± 2.3	58 ± 4.8
1000.0	27 ± 1.5	69 ± 4.7	59 ± 3.5	129 ± 0.6	149 ± 0.9
3333.0	30 ± 1.2	74 ± 3.5	48 ± 3.8	128 ± 5.9	127 ± 17.2
10000.0	38 ± 4.8	77 ± 8.3		149 ± 9.6	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control <sup>3</sup>				228 ± 21.9	353 ± 23.0
Positive Control <sup>4</sup>	403 ± 16.3				
Positive Control <sup>5</sup>		255 ± 9.7	315 ± 9.0		

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate

CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

---

**Strain: TA1537**

---

<b>Dose (ug/Plate)</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	10 ± 0.3	9 ± 0.9
33.0	14 ± 2.5	7 ± 0.7
100.0	11 ± 3.8	4 ± 0.6
166.0	13 ± 1.9	8 ± 0.7
333.0	12 ± 0.7	6 ± 1.3
666.0	13 ± 1.2	
1000.0		9 ± 0.0
Trial Summary	Negative	Negative
Positive Control <sup>5</sup>	170 ± 3.5	227 ± 9.9

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate  
CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

## Strain: TA97

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	161 ± 11.0	182 ± 2.7	170 ± 8.8	173 ± 3.2	157 ± 3.0
33.0			193 ± 19.4		181 ± 16.0
100.0	177 ± 11.3	208 ± 14.7	216 ± 11.0	211 ± 13.7	214 ± 4.9
166.0			237 ± 10.6		253 ± 7.9
333.0	176 ± 1.5	260 ± 15.2	229 ± 1.8	308 ± 5.6	274 ± 4.6
666.0			241 ± 3.0		
1000.0	127 ± 21.4	202 ± 10.3		314 ± 24.7	365 ± 14.3
3333.0	96 ± 8.0	102 ± 26.6		238 ± 7.2	
10000.0	113 ± 9.6	103 ± 19.8		203 ± 19.1	
Trial Summary	Negative	Equivocal	Weakly Positive	Weakly Positive	Positive
Positive Control <sup>2</sup>				714 ± 14.7	1370 ± 27.2
Positive Control <sup>3</sup>		757 ± 16.3	798 ± 78.7		
Positive Control <sup>6</sup>	362 ± 28.0				

Experiment Number: 422335

Test Type: Genetic Toxicology - Bacterial Mutagenicity

**G06: Ames Summary Data**

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate

CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

**Strain: TA98**

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	18 ± 1.5	36 ± 2.0	31 ± 2.4
100.0	25 ± 3.5	40 ± 0.7	34 ± 3.8
333.0	18 ± 1.2	37 ± 4.1	43 ± 1.9
1000.0	21 ± 2.5	34 ± 4.0	36 ± 5.4
3333.0	19 ± 1.5	35 ± 0.3	42 ± 0.9
10000.0	22 ± 3.8	31 ± 3.2	42 ± 0.3
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			416 ± 35.6
Positive Control <sup>3</sup>		495 ± 10.3	
Positive Control <sup>7</sup>	908 ± 76.3		

Experiment Number: 422335

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

**G06: Ames Summary Data**

Test Compound: **tris(1,3-Dichloro-2-propyl) phosphate**

CAS Number: 13674-87-8

Date Report Requested: 09/15/2018

Time Report Requested: 05:40:25

**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: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 1.0 ug/Plate Sodium Azide

5: 2.5 ug/Plate 2-Aminoanthracene

6: 25.0 ug/Plate 9-Aminoacridine

7: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

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