## Aluminum chloride (anhydrous)

### Chemical Name:
Aluminum chloride (anhydrous)

### Synonym

### Molecular weight: 133.34

### Melting point: 190 - 194°C (2.5 atm)

### Boiling point: 180°C (1 atm)

### Chemical Structure

\[ \text{Al} \quad \text{C} \quad \text{Al} \]

### CAS No.: 7446-70-0

### MITI No.: (1)-12

### Source of Substance: Wako Pure Chem. Ind., Ltd.

### Lot. No.: STM2422

### Purity: Extra pure reagent

### Vehicle: DMSO

### Mutagenicity

- **in Bacterial Test:** Positive

### IARC Evaluation:
- Not yet cited

### Experimental Data

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<th>Concentration μg/plate</th>
<th>Con. Base-substitution</th>
<th>Number of Revertants/plate</th>
<th>Frame-shift</th>
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### Judgement

- + + - - - - - -

### Specific Mutagenicity

- **Positive**
  - AF2 2AA 0.5 NaNo3 2AA AF2 2AA AF2 2AA AF2 2AA 9AA 2AA 2NF 2AA
- **Control**
  - (403) (638) (189) (251) (423) (675) (252) (442) (737) (176) (460) (460)