



# Product Specification

**Product Name:** POTASSIUM SODIUM (+)-TARTRATE Tetrahydrate  
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Alternate Name(s)

Description

Colourless transparent efflorescent crystals or white powder; odourless; cool saline taste. Unstable above 225°C.

Properties

Chemical Formula:

Molecular Weight: 282.22

Product Code: PA086

CAS No.: 6381-59-5

General Information:

Insoluble in alcohol. Incompatible with acids, calcium or lead salts, silver nitrate and magnesium sulfate. Combustible.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH5N

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Typical Assay: 99.0 - 102.0%

Specific Properties and Impurities [Typical levels]:

Specific Gravity	1.77
Solubility in Water (@ 20°C)	630 g/L
Melting point	70-80°C
pH (5%, H <sub>2</sub> O)	6.0 - 8.5
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Phosphate (PO <sub>4</sub> )	0.002%
Sulfate (SO <sub>4</sub> )	0.005%
Ammonium (NH <sub>4</sub> )	0.002%
Calcium (Ca)	0.005%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.001%

CONFORMS TO ACS

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