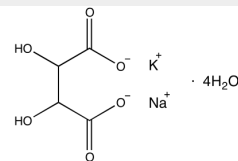


Potassium sodium tartrate tetrahydrate, for analysis, ExpertQ®, ACS, ISO
Identification

$C_4H_4KNaO_6 \cdot 4H_2O$
 $M = 282,23 \text{ g/mol}$
CAS [6381-59-5]
EC number: 205-698-2
Taric code: 2918 13 00


Synonyms

Sodium potassium tartrate, Tartaric acid potassium sodium salt

Applications

analytical chemistry, laboratory reagent, in food industry, in fertilizer compositions, in the electronic industry.

Specifications

assay (titration with $HClO_4$).....	99,0 - 102,0 %	sulfates (SO_4).....	max. 0,005 %
identity (IR-spectrum).....	passes test	ammonium (NH_4).....	max. 0,002 %
insoluble in water.....	max. 0,005 %	calcium (Ca).....	max. 0,004 %
pH (5 %, H_2O).....	6,5 - 8,5	copper (Cu).....	max. 5 ppm
chlorides (Cl).....	max. 5 ppm	heavy metals (as Pb).....	max. 5 ppm
phosphates (as PO_4).....	max. 0,001 %	iron (Fe).....	max. 5 ppm
		lead (Pb).....	max. 5 ppm

Physical data

- Appearance: elongate crystals, colourless, up to 3mm
- Bulk density: $\sim 1000 \text{ kg/m}^3$
- Solub. in water: (20 °C): 630 g/l
- Melting point: 70 - 80 °C
- pH(50 g/l H_2O , 20 °C) 6,5 - 8,5

Transport/storage

- 10°C - 30°C