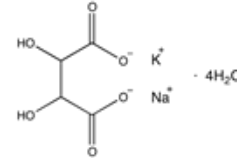


Potassium sodium tartrate tetrahydrate, Pharmpur®, Ph Eur, BP, USP

Identification

C₄H₄KNaO₆·4H₂O
M = 282,23 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, in pharma industry.

Specifications

assay (titration with HClO ₄ , on dried sample).....	99,0 - 101,0 %	acidity or alkalinity.....	passes test
Identification A (USP).....	passes test	alkalinity	passes test
Identification B (USP).....	passes test	specific rotation ([α] ₂₀ ^D ; c = 5, H ₂ O on dried sample)	+ 28,0 ° - + 30,0 °
Identification tartrate.....	passes test	chlorides (Cl).....	max. 100 ppm
Identification sodium.....	passes test	sulfates (SO ₄).....	max. 50 ppm
Identification potassium.....	passes test	ammonium (NH ₄).....	max. 0,002 %
appearance of solution.....	clear and colourless	barium and oxalates.....	passes test
		calcium (Ca).....	max. 200 ppm
		water (K.F.).....	24,0 - 26,5 %

Physical data

- Appearance: elongate crystals, colourless, up to 3mm
- Bulk density: ~ 1000 kg/m³
- Solub. in water: (20 °C): 630 g/l
- Melting point: 70 - 80 °C
- pH(50 g/l H₂O, 20 °C) 6,5 - 8,5

Transport/storage

- 10°C - 30°C