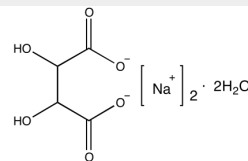


di-Sodium tartrate dihydrate, for analysis, ExpertQ®, ACS

Identification

$C_4H_4Na_2O_6 \cdot 2H_2O$
M = 230,08 g/mol
CAS [6106-24-7]
EC number: 212-773-3
Taric code: 2918 13 00



Synonyms

Tartaric acid sodium salt dihydrate

Applications

analytical chemistry, laboratory reagent.

Specifications

assay (titration with HClO4).....	99,5 - 101,0 %	total nitrogen (as N).....	max. 0,002 %
insoluble in water.....	max. 0,005 %	ammonium (NH4).....	max. 0,003 %
pH (5 %, H2O).....	7,0 - 8,0	calcium (Ca).....	max. 0,005 %
chlorides (Cl).....	max. 0,0005 %	heavy metals (as Pb).....	max. 5 ppm
phosphates (as PO4).....	max. 0,0005 %	iron (Fe).....	max. 5 ppm
sulfates (SO4).....	max. 0,002 %	loss on drying (150 °C, min. 4h).....	15,61 - 15,71 %

Physical data

- Spec. Density: ~ 1,82 g/cm³
- Bulk density: ~ 460 kg/m³
- Solub. in water: (20 °C): 290 g/l
- Melting point: 154 °C
- pH(50 g/l H₂O, 25 °C) ~ 8

Transport/storage

- 10°C - 30°C