

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

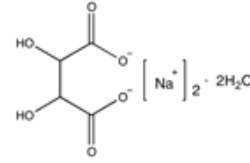
**Identification** $C_4H_4Na_2O_6 \cdot 2H_2O$ 

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 HClO <sub>4</sub> ).....	99,5 - 101,0 %	total nitrogen (as N).....	max. 0,002 %
insoluble in water.....	max. 0,005 %	ammonium (NH <sub>4</sub> ).....	max. 0,003 %
pH (5 %, H <sub>2</sub> O).....	7,0 - 8,0	calcium (Ca).....	max. 0,005 %
chlorides (Cl).....	max. 0,0005 %	heavy metals (as Pb).....	max. 5 ppm
phosphates (as PO <sub>4</sub> ).....	max. 0,0005 %	iron (Fe).....	max. 5 ppm
sulfates (SO <sub>4</sub> ).....	max. 0,002 %	loss on drying (150 °C, min. 4h).....	15,61 - 15,71 %

**Physical data**

- Spec. Density: ~ 1,82 g/cm<sup>3</sup>
- Bulk density: ~ 460 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 290 g/l
- Melting point: 154 °C
- pH(50 g/l H<sub>2</sub>O, 25 °C) ~ 8

**Transport/storage**

- 10°C - 30°C