

Identification

NaH₂PO₂·H₂O
M = 105,99 g/mol
CAS [10039-56-2]
EC number: 231-669-9
Taric code: 2835 10 00

Synonyms

Sodium hypophosphite monohydrate

Applications

analytical chemistry, laboratory reagent, in buffer solutions.

Specifications

assay (bromometric).....	min. 99 %	sulfates (SO ₄).....	max. 0,02 %
appearance of solution.....	passes test	arsenic (As).....	max. 0,0002 %
acidity.....	passes test	calcium (Ca).....	max. 0,02 %
chlorides (Cl).....	max. 0,02 %	heavy metals (as Pb).....	max. 0,0005 %
phosphates, phosphites	passes test	iron (Fe).....	max. 0,0005 %

Physical data

- Bulk density: ~ 800 - 1000 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: > 90 °C (decomposes)
- pH(100 g/l H₂O, 20 °C) 5,5 - 7,0