

**di-Sodium hydrogen phosphate dodecahydrate, for analysis,
ExpertQ®, ISO****Identification**Na₂HPO₄·12H₂O

M = 358,14 g/mol

CAS [10039-32-4]

EC number: 231-448-7

Taric code: 2835 22 00

Synonyms

Sodium monohydrogen phosphate, Sodium phosphate dibasic

Applications

analytical chemistry, in buffer solutions (phosphates), in porcelain industry, cosmetics.

Specifications

assay (acidimetric).....	99 - 102 %	total nitrogen (as N).....	max. 0,002 %
pH (5 %, H ₂ O).....	9,0 - 9,4	heavy metals (as Pb).....	max. 5 ppm
chlorides (Cl).....	max. 10 ppm	iron (Fe).....	max. 5 ppm
sulfates (SO ₄).....	max. 50 ppm	potassium (K).....	max. 100 ppm

Physical data

- Appearance: crystals, colourless or white
- Spec. Density: 1,52 g/cm³
- Bulk density: ~ 800 - 900 kg/m³
- Solub. in water: (20 °C): ~ 218 g/l
- Melting point: 35 °C
- pH(50 g/l H₂O, 20 °C) ~ 9,0 - 9,4

Transport/storage

- 10°C - 30°C