

Calcium bis-(dihydrogen phosphate) monohydrate, EssentQ®

Identification

Ca(H₂PO₄)₂·H₂O
M = 252,07 g/mol
CAS [10031-30-8]
EC number: 231-837-1
Taric code: 2835 26 10

Synonyms

Calcium biphosphate

Applications

analytical chemistry, in fertilizer compositions, in food industry, in the production of enamels.

Specifications

assay (complexometric).....	min. 98 %	iron (Fe).....	max. 0,01 %
chlorides (Cl).....	max. 0,005 %	heavy metals (as Pb).....	max. 0,003 %
arsenic (As).....	max. 2 ppm	lead (Pb).....	max. 0,003 %
copper (Cu).....	max. 0,003 %	nickel (Ni).....	max. 0,003 %

Physical data

- Spec. Density: 2,22 g/cm³
- Solub. in water: (20 °C): insoluble
- Melting point: 109 °C

Transport/storage

- 10°C - 30°C