

Identification

Na₂SO₄
M = 142,04 g/mol
CAS [7757-82-6]
EC number: 231-820-9
Taric code: 2833 11 00

Synonyms

Sulfuric acid sodium salt

Applications

analytical chemistry, organic solvents drying, in pharma industry.

Specifications

assay (on dried sample).....	98,5 - 101 %	iron (Fe).....	max. 0,009 %
identification.....	passes test	magnesium (Mg).....	max. 0,02 %
appearance of solution.....	clear and colourless	loss on drying (130 °C).....	max. 0,5 %
acidity or alkalinity.....	passes test	Residual solvents are analysed	
chlorides (Cl).....	max. 0,045 %	according to guideline	
calcium (Ca).....	max. 0,045 %	CPMP/ICH/283/95.	
heavy metals (as Pb).....	max. 0,0045 %		

Packaging
Packaging Code

500 g	SO06650500
1 kg	SO06651000
2,5 kg	SO06652500
5 kg	SO0665005P
25 kg	SO0665025P

Physical data

- Appearance: crystalline powder , white or almost white
- Spec. Density: 2,70 g/cm³
- Bulk density: ~ 1400 - 1600 kg/m³
- Solub. in water: (20 °C): 160 g/l
- Melting point: 888 °C
- Boiling point: > 890 °C (decomposes)
- pH(50 g/l H₂O, 20 °C) 5 - 8
- Hygroscopic

Toxicological data

- WGK: 1
- Poison class CH (Swiss): 5