

Sodium chloride, molecular biology grade**Identification**

NaCl
M = 58,44 g/mol
CAS [7647-14-5]
EC number: 231-598-3
Taric code: 2501 00 31

Synonyms

Salt, Common salt, Rock salt, Sea salt

Applications

analytical chemistry, laboratory reagent, to make sodium salts, in food industry, for decreasing the melting point of water.

Specifications

assay (argentometric)..... min. 99,5 %
identity..... passes test
absorbance of an aqueous solution 0,1 M in a 1 cm cell at 260 nm
max. 0,01 AU

absorbance of an aqueous solution 0,1 M in a 1 cm cell at 280 nm
max. 0,01 AU
heavy metals..... max. 0,001 %
DNases, RNases, Proteases non detected

Physical data

- Appearance: crystals, colourless or white
- Spec. Density: 2,17 g/cm³
- Bulk density: ~ 1140 kg/m³
- Solub. in water: (20 °C): 358 g/l
- Melting point: 801 °C
- Boiling point: 1461 °C
- Vapour pressure: (865 °C) 1,3 hPa
- pH(100 g/l H₂O, 20 °C) ~ 4,5 - 7,0

Transport/storage

- 10°C - 30°C