

Sodium chloride

Grade: Laboratory

NaCl

M=58.44 g/mol

Specification

Assay (argentometric)..... $\geq 99-100.5\%$
Identity passes test
Appearance of Solution passes test
Acidity or alkalinity..... 0.5%
Sulfate (SO₄)..... $\leq 0.02\%$
Calcium (Ca)..... $\leq 0.02\%$
Iron (Fe)..... $\leq 0.002\%$
Heavy Metal (as a Pb)..... $\leq 0.005\%$
Loss on drying (105°C, 2 h)..... $\leq 0.5\%$
Melting Point 801°C
Boiling point..... 1461°C

Technical data

- CAS-No.7647-14-5
- EC-No.231-598-3
- Vapor pressure 1.3 hPa(865°C)
- Spec. density 2.17 g/cm³ (20°C)
- Solub. in H₂O 358 g/l (20°C)
- PH value 4.5 – 7.0 (100 g/l, H₂O, 20°C)
- Bulk density ~ 1140 kg/m³
- RTECS VZ4725000
- Poison class (CH) F
- WGK1
- LD 50 oral rat 3000 mg/kg
- LD 50 dermal rabbit > 10000 mg/kg
- HS-No.3822 00 00
- LGK 10-13
- Disposal 14

Symbol



Guidelines of usage & storage

- Storage temp. : + 15 °C to 25 °C



Packaging

Plastic Bottles

1 Kg

Plastic container

5-10 Kg

Fiber Bag

20 Kg

