

Technical Datasheet

Article No. 1367

Sodium chloride p, a., Ph. Eur., USP
min. 99.0 % NaCl

For laboratory use.

Parameter	Value
Appearance	White Crystals
Mol.-weight	58.44 g/mol
Density	approx. 2,16 g/cm ³
Melting point	approx. 800 °C
Boiling point	approx. 1400 °C
Identity	passes test
Appearance of 20 % solution	passes test
Iodide (I)	passes test
Acidity	max. 0.5 ml NaOH/0.01 M
Alkalinity	max. 0.5 ml HCl/0.01 M
Bromide (Br)	max. 50 mg/kg
Hexacyanoferrate	max. 0.5 mg/kg
Nitrite (NO ₂) (Absorption 354 nm)	max. 0.01
Phosphate (PO ₄)	max. 25 mg/kg
Sulfate (SO ₄)	max. 150 mg/kg
Aluminium (Al)	max. 0.2 mg/kg
Arsenic (As)	max. 0.5 mg/kg
Barium (Ba)	max. 1 mg/kg
Heavy metals (as Pb)	max. 2 mg/kg
Iron (Fe)	max. 0.8 mg/kg
Calcium (Ca)	max. 20 mg/kg
Magnesium (Mg)	max. 21 mg/kg
Potassium (K)	max. 300 mg
Humidity	max. 0.5 %
Bacteria-Endotoxins	max. 5 I.U./g
pH.- Value	4.5-7.0

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Bulk density	approx. 1200 kg/m ³
