

TECHNICAL DATASHEET

Article no.: 6307

Sodium chloride p. a., Reag. Ph. Eur., Reag. USP (99.0 – 100.5 %)
 NaCl

For laboratory use.

Parameter	Specification
Appearance	Colourless crystals or white, crystalline powder
Melting point	800 °C
Boiling point	1461 °C
Molar mass	58.44 g/mol
Assay	99.0 - 100.5 %
Identity	complies
Appearance of the solution	complies
Acidity or alkalinity	complies
pH (5 %, 25 °C)	5.0 – 9.0
Loss on drying	max. 0.5 %
Bromide (Br)	max. 100 ppm
Nitrate (NO ₃)	max. 30 ppm
Hexacyanoferrates (Fe(CN) ₆)	max. 1 ppm
Phosphate (PO ₄)	max. 5 ppm
Water-insoluble matter	max. 50 ppm
Iodide (I)	max. 20 ppm
Heavy metals (as Pb)	max. 5 ppm

Magnesium (Mg) and other alkali metals	max. 100 ppm
Nitrite (NO ₂)	complies
Sulphate (SO ₄)	max. 40 ppm
Aluminium (Al)	max. 0.2 ppm
Arsenic (As)	max. 1 ppm
Barium (Ba)	complies
Calcium (Ca)	max. 20 ppm
Iron (Fe)	max. 2 ppm
Potassium (K)	max. 50 ppm
Magnesium (Mg)	max.10 ppm

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