

Product Specification

Product Name:

**Sodium chloride *PurReagent Plus*,
meets analytical specification of EP & USP, 99.0-100.5%**

Product No.: PSR44451
Brand: PureSynth
CAS No.: 7647-14-5
Molecular Formula: NaCl
Molecular Weight: 58.44 g/mol

NaCl

Test	Specification
Appearance	White Crystals
Assay (Calc.to the dried sub.)	99.0-100.5 %
Loss on drying (105°C for 2 h)	NMT 0.50 %
Appearance of the solution	Complies
Acidity or alkalinity	Complies
Aluminium (Al)	NMT 0.2 ppm
Arsenic (As)	NMT 1.0 ppm
Iron (Fe)	NMT 2.0 ppm
Potassium (K)	NMT 500.0 ppm
Bromide (Br)	NMT 0.005 %
Barium (Ba)	Complies
Mg, earth alkali metals (as Ca)	NMT 100.0 ppm
Heavy metals (as Pb)	NMT 5.0 ppm
Iodide (I) test	Complies
Ferrocyanides	Complies
Nitrite (NO ₂)	Complies
Phosphate (PO ₄)	NMT 25.0 ppm
Sulfate (SO ₄)	NMT 200.0 ppm
Residual Solvents	Complies
Identification by IR	Conforms to structure

Specification: PR-1.0-QA/383

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com