

Product Specification

Product Name:

Sodium chloride Puriss. p.a., ACS **PurReagent, ISO, Reag. Ph. Eur., ≥99.5%**

Product No.: PSR49892
Brand: PureSynth
CAS No.: 7647-14-5
Molecular Formula: NaCl
Molecular Weight: 58.44 g/mol



Test	Specification
Appearance	White Powder
Assay (By Titration)	≥ 99.5 %
pH (5% Water, 25°C)	5.0 - 8.0
Loss on Drying (at 130°C)	NMT 0.2 %
Water Insoluble Matter	NMT 0.005 %
Solubility (5% Water, 25°C)	Colorless Clear Solution
Aluminium (Al)	NMT 0.2 ppm
Arsenic (As)	NMT 0.5 ppm
Barium (Ba)	NMT 0.001 %
Calcium (Ca)	NMT 0.002 %
Iron (Fe)	NMT 0.0001 %
Potassium (K)	NMT 0.005 %
Magnesium (Mg)	NMT 0.0005 %
Heavy Metals (as Pb)	NMT 3 ppm
Bromide (Br)	NMT 50 ppm
Iodide (I)	NMT 10 ppm
Nitrite (NO ₂)	Complies
Total Nitrogen (N)	NMT 10 ppm
Phosphate (PO ₄)	NMT 5 ppm
Sulfate (SO ₄)	NMT 10 ppm
Traces of Hexacyanoferrate	NMT 1 ppm
Free Acid (as HCl)	NMT 0.005 %
Free Alkali (as NaOH)	NMT 0.005 %

Specification: PR-1.0-QA/527

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com