

Certificate of Analysis

Sodium chloride

ACS Reagent, ≥99.5%

Product Number	PSR38254	CAS No.	7647-14-5
Brand	PureSynth	Lot No.	S38254P0625
Molecular Formula	NaCl	Date of Mfg.	June,2025
Molecular Weight	58.44 g/mol	Date of Exp.	May,2028

Test	Specification	Result
Appearance	White Powder	White Powder
Assay (By Titration)	≥ 99.5 %	99.8 %
pH	5.0 - 9.0	6.2
Iodide	NMT 0.002 %	< 0.002 %
Phosphate (PO ₄)	NMT 5 ppm	< 5 ppm
Iron (Fe)	NMT 2 ppm	< 2 ppm
Magnesium (Mg)	NMT 0.001 %	< 0.001 %
Potassium (K)	NMT 0.005 %	0.002 %
Sulphate	NMT 0.004 %	< 0.004 %
Heavy Metals	NMT 5 ppm	< 5 ppm
Bromide	NMT 0.01 %	< 0.01 %

Remark:

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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