

# Certificate of Analysis

## Sodium chloride

ACS Reagent, ≥99.5%

<b>Product Number</b>	PSR38254	<b>CAS No.</b>	7647-14-5
<b>Brand</b>	PureSynth	<b>Lot No.</b>	S38254P0625
<b>Molecular Formula</b>	NaCl	<b>Date of Mfg.</b>	June,2025
<b>Molecular Weight</b>	58.44 g/mol	<b>Date of Exp.</b>	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 <sub>4</sub> )	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

*This is electronically-generated copy & is valid without signature*