

Certificate of Analysis

Product Name:

Sodium Chloride, UltraPure, ≥99.5%

Product No.: PSR47523
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7647-14-5
Molecular Formula: NaCl
Molecular Weight: 58.44 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Crystals	White Crystals
Assay (By Titration)	≥ 99.5%	99.99 %
Bromide (Br)	NMT 10 ppm	< 10 ppm
Iodide (I)	NMT 10 ppm	< 10 ppm
Phosphate (PO ₄)	NMT 5 ppm	< 5 ppm
Sulfate (SO ₄)	NMT 10 ppm	< 10 ppm
Total nitrogen (N)	NMT 10 ppm	< 10 ppm
Hexacyanoferrate (Fe(CN ₆))	NMT 1 ppm	< 1 ppm
Aluminium (Al)	NMT 0.01 ppm	< 0.01 ppm
Barium (Ba)	NMT 2 ppm	< 2 ppm
Calcium (Ca)	NMT 0.1 ppm	< 0.1 ppm
Cadmium (Cd)	NMT 0.005 ppm	< 0.005 ppm
Cerium (Ce)	NMT 0.005 ppm	< 0.005 ppm
Cobalt (Co)	NMT 0.005 ppm	< 0.005 ppm
Chromium (Cr)	NMT 0.01 ppm	< 0.01 ppm
Cesium (Cs)	NMT 5 ppm	< 5 ppm
Copper (Cu)	NMT 0.005 ppm	< 0.005 ppm
Europium (Eu)	NMT 0.005 ppm	< 0.005 ppm
Iron (Fe)	NMT 0.05 ppm	< 0.05 ppm
Potassium (K)	NMT 5 ppm	< 5 ppm
Lanthanum (La)	NMT 0.005 ppm	< 0.005 ppm
Lithium (Li)	NMT 0.5 ppm	< 0.5 ppm
Magnesium (Mg)	NMT 0.05 ppm	< 0.05 ppm
Manganese (Mn)	NMT 0.01 ppm	< 0.01 ppm
Nickel (Ni)	NMT 0.01 ppm	< 0.01 ppm
Lead (Pb)	NMT 0.005 ppm	< 0.005 ppm
Rubidium (Rb)	NMT 0.5 ppm	< 0.5 ppm

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

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

Scandium (Sc)	NMT 0.005 ppm	< 0.005 ppm
Samarium (Sm)	NMT 0.005 ppm	< 0.005 ppm
Strontium (Sr)	NMT 0.1 ppm	< 0.1 ppm
Thallium (Tl)	NMT 0.005 ppm	< 0.005 ppm
Yttrium (Y)	NMT 0.005 ppm	< 0.005 ppm
Ytterbium (Yb)	NMT 0.005 ppm	< 0.005 ppm
Zinc (Zn)	NMT 0.01 ppm	< 0.01 ppm

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

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

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

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