

Certificate of Analysis

Product Name:

Sodium hydroxide solution 50-52% in water, eluent for IC

Product No.: PSR37672
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 1310-73-2
Molecular Formula: NaOH
Molecular Weight: 40.0 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By Titration)	50.0 - 52.0 %	51.27 %
Aluminium (Al)	NMT 0.0005 ppm	< 0.0005 ppm
Calcium (Ca)	NMT 0.001 ppm	< 0.001 ppm
Cadmium (Cd)	NMT 0.0005 ppm	< 0.0005 ppm
Cobalt (Co)	NMT 0.0005 ppm	< 0.0005 ppm
Chromium (Cr)	NMT 0.0005 ppm	< 0.0005 ppm
Copper (Cu)	NMT 0.0005 ppm	< 0.0005 ppm
Iron (Fe)	NMT 0.0005 ppm	< 0.0005 ppm
Potassium (K)	NMT 0.01 ppm	< 0.01 ppm
Magnesium (Mg)	NMT 0.0005 ppm	< 0.0005 ppm
Manganese (Mn)	NMT 0.0005 ppm	< 0.0005 ppm
Nickel (Ni)	NMT 0.0005 ppm	< 0.0005 ppm
Lead (Pb)	NMT 0.001 ppm	< 0.001 ppm
Zinc (Zn)	NMT 0.0005 ppm	< 0.0005 ppm
Carbonate (CO ₃)	NMT 0.2 ppm	< 0.2 ppm
Chloride (Cl)	NMT 0.002 ppm	< 0.002 ppm
Total N	NMT 0.0005 ppm	< 0.0005 ppm
Phosphate (PO ₄)	NMT 0.0005 ppm	< 0.0005 ppm
Silicate (as SiO ₂)	NMT 0.001 ppm	< 0.001 ppm
Sulfate (SO ₄)	NMT 0.001 ppm	< 0.001 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

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

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