

Certificate of Analysis

Product Name:

Hydrogen peroxide solution **PurTrace for Trace Analysis, ≥30.0%**

Product No.: PSR40142
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7722-84-1
Molecular Formula: H₂O₂
Molecular Weight: 34.01 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay	≥ 30.0%	31.4 %
Aluminum (Al)	NMT 1.0 ppb	<1.0 ppb
Antimony (Sb)	NMT 0.5 ppb	<0.5 ppb
Arsenic (As)	NMT 1.0 ppb	<1.0 ppb
Barium (Ba)	NMT 0.5 ppb	<0.5 ppb
Beryllium (Be)	NMT 0.5 ppb	<0.5 ppb
Bismuth (Bi)	NMT 1.0 ppb	<1.0 ppb
Boron (B)	NMT 1.0 ppb	<1.0 ppb
Cadmium (Cd)	NMT 0.5 ppb	<0.5 ppb
Calcium (Ca)	NMT 5.0 ppb	<5.0 ppb
Chromium (Cr)	NMT 0.5 ppb	<0.5 ppb
Cobalt (Co)	NMT 0.5 ppb	<0.5 ppb
Copper (Cu)	NMT 0.5 ppb	<0.5 ppb
Gallium (Ga)	NMT 0.5 ppb	<0.5 ppb
Germanium (Ge)	NMT 0.5 ppb	<0.5 ppb
Gold (Au)	NMT 0.5 ppb	<0.5 ppb
Indium (In)	NMT 0.5 ppb	<0.5 ppb
Iron (Fe)	NMT 1.0 ppb	<1.0 ppb
Lead (Pb)	NMT 0.5 ppb	<0.5 ppb
Lithium (Li)	NMT 0.5 ppb	<0.5 ppb
Magnesium (Mg)	NMT 1.0 ppb	<1.0 ppb
Manganese (Mn)	NMT 0.5 ppb	<0.5 ppb
Mercury (Hg)	NMT 1.0 ppb	<1.0 ppb
Molybdenum (Mo)	NMT 0.5 ppb	<0.5 ppb
Nickel (Ni)	NMT 0.5 ppb	<0.5 ppb

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

Niobium (Nb)	NMT 1.0 ppb	< 1.0 ppb
Palladium (Pd)	NMT 0.5 ppb	<0.5 ppb
Platinum (Pt)	NMT 0.5 ppb	<0.5 ppb
Potassium (K)	NMT 1.0 ppb	< 1.0 ppb
Silver (Ag)	NMT 0.5 ppb	<0.5 ppb
Sodium (Na)	NMT 1.0 ppb	< 1.0 ppb
Strontium (Sr)	NMT 0.5 ppb	<0.5 ppb
Thallium (Tl)	NMT 0.5 ppb	<0.5 ppb
Tin (Sn)	NMT 0.5 ppb	<0.5 ppb
Titanium (Ti)	NMT 1.0 ppb	< 1.0 ppb
Vanadium (V)	NMT 0.5 ppb	<0.5 ppb
Zinc (Zn)	NMT 1.0 ppb	< 1.0 ppb
Zirconium (Zr)	NMT 1.0 ppb	< 1.0 ppb

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 2-8°C and keep the container tightly closed

PureSynth Research Chemicals GmbH

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

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