

## Product Specification

Product Name:

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

Product No.: PSR40142  
Brand: PureSynth  
CAS No.: 7722-84-1  
Molecular Formula: H<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 34.01 g/mol



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

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.  
For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)

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Silver (Ag)	NMT 0.5 ppb
Sodium (Na)	NMT 1.0 ppb
Strontium (Sr)	NMT 0.5 ppb
Thallium (Tl)	NMT 0.5 ppb
Tin (Sn)	NMT 0.5 ppb
Titanium (Ti)	NMT 1.0 ppb
Vanadium (V)	NMT 0.5 ppb
Zinc (Zn)	NMT 1.0 ppb
Zirconium (Zr)	NMT 1.0 ppb

Specification: PT-1.0-QA/013

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