

Product Specification

Product Name:

Hydrogen peroxide solution Semiconductor grade, *PurElectra* ≥30 %

Product No.: PSR39146
Brand: PureSynth
CAS No.: 7722-84-1
Molecular Formula: H_2O_2
Molecular Weight: 34.01 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥30.0 %
Non-volatile matter	NMT 50 ppm
Residue on ignition	NMT 20 ppm
Free acid (As H_2SO_4)	NMT 50 ppm
Aluminium (Al)	NMT 0.2 ppm
Antimony (Sb)	NMT 0.01 ppm
Arsenic (As)	NMT 0.01 ppm
Barium (Ba)	NMT 0.1 ppm
Beryllium (Be)	NMT 0.01 ppm
Bismuth (Bi)	NMT 0.02 ppm
Boron (B)	NMT 0.02 ppm
Cadmium (Cd)	NMT 0.01 ppm
Calcium (Ca)	NMT 0.5 ppm
Chromium (Cr)	NMT 0.01 ppm
Chloride (Cl)	NMT 0.5 ppm
Copper (Cu)	NMT 0.01 ppm
Gallium (Ga)	NMT 0.02 ppm
Gold (Au)	NMT 0.02 ppm
Indium (In)	NMT 0.02 ppm
Iron (Fe)	NMT 0.1 ppm
Lead (Pb)	NMT 0.02 ppm
Lithium (Li)	NMT 0.02 ppm
Magnesium (Mg)	NMT 0.1 ppm
Manganese (Mn)	NMT 0.01 ppm
Molybdenum (Mo)	NMT 0.01 ppm
Nickel (Ni)	NMT 0.01 ppm
Phosphate (PO_4)	NMT 1.0 ppm

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

Platinum (Pt)	NMT 0.02 ppm
Potassium (K)	NMT 0.1 ppm
Silver (Ag)	NMT 0.02 ppm
Sodium (Na)	NMT 0.2 ppm
Strontium (Sr)	NMT 0.02 ppm
Sulfate (SO ₄)	NMT 2.0 ppm
Tin (Sn)	NMT 0.02 ppm
Thallium (Tl)	NMT 0.02 ppm
Titanium (Ti)	NMT 0.01 ppm
Vanadium (V)	NMT 0.01 ppm
Zinc (Zn)	NMT 0.05 ppm
Zirconium (Zr)	NMT 0.01 ppm
Total Nitrogen	NMT 2.0 ppm

Specification: PE-1.0-QA/009, Ver. No. 1.1, 03.08.2026.

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