

## Product Specification

Product Name:

**Sulphuric acid Semiconductor Grade, PurElectra, 93.0 – 98.0 %**

Product No.: PSR49975  
Brand: PureSynth  
CAS No.: 7664-93-9  
Molecular Formula: H<sub>2</sub>SO<sub>4</sub>  
Molecular Weight: 98.08 g/mol



Test	Specification
Appearance	Colourless liquid
Assay (By GC)	93.0 – 98.0 %
Residue after evaporation	NMT 5 ppm
Density (at 20 °C)	1.830-1.850 g/cm <sup>3</sup>
Aluminium (Al)	NMT 10 ppt
Antimony (Sb)	NMT 10 ppt
Barium (Ba)	NMT 10 ppt
Beryllium (Be)	NMT 10 ppt
Bismuth (Bi)	NMT 10 ppt
Cadmium (Cd)	NMT 10 ppt
Cerium (Ce)	NMT 10 ppt
Cesium (Cs)	NMT 10 ppt
Chromium (Cr)	NMT 10 ppt
Cobalt (Co)	NMT 10 ppt
Copper (Cu)	NMT 10 ppt
Dysprosium (Dy)	NMT 10 ppt
Erbium (Er)	NMT 10 ppt
Europium (Eu)	NMT 10 ppt
Gadolinium (Gd)	NMT 10 ppt
Gallium (Ga)	NMT 10 ppt
Germanium (Ge)	NMT 10 ppt
Hafnium (Hf)	NMT 10 ppt
Holmium (Ho)	NMT 10 ppt
Indium (In)	NMT 10 ppt
Iron (Fe)	NMT 10 ppt
Lanthanum (La)	NMT 10 ppt
Lead (Pb)	NMT 10 ppt
Magnesium (Mg)	NMT 10 ppt
Manganese (Mn)	NMT 10 ppt
Molybdenum (Mo)	NMT 10 ppt

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)

Neodymium (Nd)	NMT 10 ppt
Nickel (Ni)	NMT 10 ppt
Niobium (Nb)	NMT 10 ppt
Palladium (Pd)	NMT 10 ppt
Platinum (Pt)	NMT 10 ppt
Potassium (K)	NMT 10 ppt
Praseodymium (Pr)	NMT 10 ppt
Rhodium (Rh)	NMT 10 ppt
Rubidium (Rb)	NMT 10 ppt
Samarium (Sm)	NMT 10 ppt
Scandium (Sc)	NMT 10 ppt
Silver (Ag)	NMT 10 ppt
Sodium (Na)	NMT 10 ppt
Strontium (Sr)	NMT 10 ppt
Tantalum (Ta)	NMT 10 ppt
Tellurium (Te)	NMT 10 ppt
Terbium (Tb)	NMT 10 ppt
Thallium (Tl)	NMT 10 ppt
Thorium (Th)	NMT 10 ppt
Thulium (Tm )	NMT 10 ppt
Tin (Sn)	NMT 10 ppt
Titanium (Ti)	NMT 10 ppt
Tungsten (W)	NMT 10 ppt
Uranium (U)	NMT 10 ppt
Vanadium (V)	NMT 10 ppt
Ytterbium (Yb)	NMT 10 ppt
Yttrium (Y)	NMT 10 ppt
Zinc (Zn)	NMT 10 ppt
Zirconium (Zr)	NMT 10 ppt

Specification: PE-1.0-QA/002

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