

Product Specification

Product Name:

Perchloric acid **PurTrace Ultra for ultratrace analysis, 67-72%**

Product No.: PSR50549
Brand: PureSynth
CAS No.: 7601-90-3
Molecular Formula: HClO_4
Molecular Weight: 100.46 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	67.0-72.0 %
Silver (Ag)	NMT 0.05 ppb
Aluminium (Al)	NMT 5.0 ppb
Arsenic (As)	NMT 0.5 ppb
Barium (Ba)	NMT 0.1 ppb
Beryllium (Be)	NMT 0.1 ppb
Bismuth (Bi)	NMT 0.05 ppb
Calcium (Ca)	NMT 5.0 ppb
Cadmium (Cd)	NMT 0.05 ppb
Cerium (Ce)	NMT 0.05 ppb
Cobalt (Co)	NMT 0.1 ppb
Cesium (Cs)	NMT 0.05 ppb
Copper (Cu)	NMT 0.5 ppb
Dysprosium (Dy)	NMT 0.05 ppb
Erbium (Er)	NMT 0.05 ppb
Europium (Eu)	NMT 0.05 ppb
Iron (Fe)	NMT 1.0 ppb
Gallium (Ga)	NMT 0.05 ppb
Gadolinium (Gd)	NMT 0.05 ppb
Holmium (Ho)	NMT 0.05 ppb
Indium (In)	NMT 0.05 ppb
Potassium (K)	NMT 5.0 ppb
Lanthanum (La)	NMT 0.05 ppb
Lithium (Li)	NMT 0.05 ppb
Lutetium (Lu)	NMT 0.05 ppb
Magnesium (Mg)	NMT 0.5 ppb
Manganese (Mn)	NMT 0.1 ppb
Molybdenum (Mo)	NMT 0.1 ppb
Sodium (Na)	NMT 10.0 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

Niobium (Nb)	NMT 0.05 ppb
Neodymium (Nd)	NMT 0.05 ppb
Nickel (Ni)	NMT 0.1 ppb
Lead (Pb)	NMT 0.2 ppb
Palladium (Pd)	NMT 0.5 ppb
Praseodymium (Pr)	NMT 0.05 ppb
Platinum (Pt)	NMT 0.1 ppb
Rubidium (Rb)	NMT 0.1 ppb
Rhodium (Rh)	NMT 0.1 ppb
Antimony (Sb)	NMT 0.1 ppb
Samarium (Sm)	NMT 0.05 ppb
Tin (Sn)	NMT 0.1 ppb
Strontium (Sr)	NMT 0.1 ppb
Terbium (Tb)	NMT 0.05 ppb
Thorium (Th)	NMT 0.1 ppb
Titanium (Ti)	NMT 0.5 ppb
Thallium (Tl)	NMT 0.05 ppb
Thulium (Tm)	NMT 0.05 ppb
Uranium (U)	NMT 0.05 ppb
Vanadium (V)	NMT 0.2 ppb
Yttrium (Y)	NMT 0.05 ppb
Ytterbium (Yb)	NMT 0.05 ppb
Zinc (Zn)	NMT 1.0 ppb
Zirconium (Zr)	NMT 2.0 ppb

Specification: PU-1.0-QA/005

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