

Product Specification

Product Name:

Perchloric acid *PurTrace*, for trace analysis, 65-71%

Product No.: PSR40666
Brand: PureSynth
CAS No.: 7601-90-3
Molecular Formula: HClO₄
Molecular Weight: 100.46 g/mol



Test	Specification
Appearance	Colorless liquid
Assay	65-71%
silver (Ag)	NMT 1 ppb
aluminium (Al)	NMT 5 ppb
arsenic (As)	NMT 1 ppb
gold (Au)	NMT 0.5 ppb
barium (Ba)	NMT 1 ppb
beryllium (Be)	NMT 1 ppb
bismuth (Bi)	NMT 0.5 ppb
calcium (Ca)	NMT 10 ppb
cadmium (Cd)	NMT 1 ppb
cerium (Ce)	NMT 0.5 ppb
cobalt (Co)	NMT 1 ppb
cesium (Cs)	NMT 0.5 ppb
copper (Cu)	NMT 1 ppb
iron (Fe)	NMT 5 ppb
gallium (Ga)	NMT 0.5 ppb
indium (In)	NMT 0.5 ppb
potassium (K)	NMT 10 ppb
lithium (Li)	NMT 0.5 ppb
magnesium (Mg)	NMT 5 ppb
manganese (Mn)	NMT 1 ppb
molybdenum (Mo)	NMT 0.5 ppb
Sodium (Na)	NMT 20 ppb
Nickel (Ni)	NMT 1 ppb
Lead (Pb)	NMT 0.5 ppb
Palladium (Pd)	NMT 0.5 ppb
Platinum (Pt)	NMT 0.5 ppb
Rubidium (Rb)	NMT 0.5 ppb
Rhodium (Rh)	NMT 0.5 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

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Antimony (Sb)	NMT 0.5 ppb
Tin (Sn)	NMT 1 ppb
Strontium (Sr)	NMT 0.5 ppb
Titanium (Ti)	NMT 1 ppb
Thallium (Tl)	NMT 0.5 ppb
Uran (U)	NMT 0.5 ppb
Vanadium (V)	NMT 0.5 ppb
Zinc (Zn)	NMT 5 ppb
Zirconium (Zr)	NMT 2 ppb

Specification: PT-1.0-QA/003

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