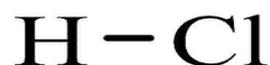


Product Specification

Product Name:

Hydrochloric acid PurTrace for Trace analysis, ≥30%

Product No.: PSR42849
Brand: PureSynth
CAS No.: 7647-01-0
Molecular Formula: HCl
Molecular Weight: 36.46 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥ 30.0 %
Density (D 20/4)	1.140-1.160 g/cm ³
Silver (Ag)	NMT 0.5 ppb
Aluminium (Al)	NMT 5 ppb
Arsenic (As)	NMT 1 ppb
Gold (Au)	NMT 1 ppb
Barium (Ba)	NMT 0.5 ppb
Beryllium (Be)	NMT 0.5 ppb
Bismuth (Bi)	NMT 0.5 ppb
Calcium (Ca)	NMT 10 ppb
Cadmium (Cd)	NMT 0.5 ppb
Cobalt (Co)	NMT 0.5 ppb
Chromium (Cr)	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
Mercury (Hg)	NMT 0.5 ppb
Indium (In)	NMT 0.5 ppb
Iridium (Ir)	NMT 0.5 ppb
Potassium (K)	max. 10 ppb
Lithium (Li)	NMT 0.5 ppb
Magnesium (Mg)	NMT 1 ppb
Manganese (Mn)	NMT 0.5 ppb
Molybdenum (Mo)	NMT 0.5 ppb
Sodium (Na)	NMT 10 ppb
Nickel (Ni)	NMT 1 ppb
Lead (Pb)	NMT 0.5 ppb
Palladium (Pd)	NMT 1 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

Platinum (Pt)	NMT 0.5 ppb
Rubidium (Rb)	NMT 0.5 ppb
Rhodium (Rh)	NMT 0.5 ppb
Ruthenium (Ru)	NMT 0.5 ppb
Antimony (Sb)	NMT 0.5 ppb
Selenium (Se)	NMT 0.001 ppm
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 1 ppb
Zinc (Zn)	NMT 1 ppb
Zirconium (Zr)	NMT 0.5 ppb
Bromide (Br)	NMT 10000 ppb
Free chlorine (Cl)	NMT 0.1 ppm
Nitrate (NO ₃)	NMT 1000 ppb
Phosphate (PO ₄)	NMT 10 ppb
Sulfite (SO ₃)	NMT 1 ppm
Sulfate (SO ₄)	NMT 100 ppb

Specification: PT-1.0-QA/004

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