

Product Specification

Product Name:

Nitric Acid *PurTrace* for Trace analysis, ≥69%

Product No.: PSR42850
Brand: PureSynth
CAS No.: 7697-37-2
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol



Test	Specification
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Appearance	Light yellow Liquid
Assay	≥ 69.0 %
Silver (Ag)	NMT 0.1 ppb
Aluminium (Al)	NMT 1.0 ppb
Arsenic (As)	NMT 0.5 ppb
Gold (Au)	NMT 0.1 ppb
Boron (B)	NMT 1.0 ppb
Barium (Ba)	NMT 0.1 ppb
Beryllium (Be)	NMT 0.1 ppb
Bismuth (Bi)	NMT 0.1 ppb
Calcium (Ca)	NMT 1.0 ppb
Cadmium (Cd)	NMT 0.5 ppb
Cerium (Ce)	NMT 0.1 ppb
Cobalt (Co)	NMT 0.5 ppb
Chromium (Cr)	NMT 1.0 ppb
Cesium (Cs)	NMT 0.1 ppb
Copper (Cu)	NMT 0.5 ppb
Dysprosium (Dy)	NMT 0.1 ppb
Erbium (Er)	NMT 0.1 ppb
Europium (Eu)	NMT 0.1 ppb
Iron (Fe)	NMT 1.0 ppb
Gallium (Ga)	NMT 0.1 ppb
Gadolinium (Gd)	NMT 0.1 ppb
Germanium (Ge)	NMT 0.1 ppb
Hafnium (Hf)	NMT 0.1 ppb
Mercury (Hg)	NMT 0.1 ppb
Holmium (Ho)	NMT 0.1 ppb
Indium (In)	NMT 0.1 ppb
Potassium (K)	NMT 1.0 ppb

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Lanthanum (La)	NMT 0.1 ppb
Lithium (Li)	NMT 0.1 ppb
Lutetium (Lu)	NMT 0.1 ppb
Magnesium (Mg)	NMT 1.0 ppb
Manganese (Mn)	NMT 0.1 ppb
Molybdenum (Mo)	NMT 0.1 ppb
Sodium (Na)	NMT 1.0 ppb
Niobium (Nb)	NMT 0.1 ppb
Neodymium (Nd)	NMT 0.1 ppb
Nickel (Ni)	NMT 0.5 ppb
Lead (Pb)	NMT 0.1 ppb
Palladium (Pd)	NMT 0.5 ppb
Praseodymium (Pr)	NMT 0.1 ppb
Platinum (Pt)	NMT 0.5 ppb
Rubidium (Rb)	NMT 0.1 ppb
Ruthenium (Ru)	NMT 0.5 ppb
Rhenium (Re)	NMT 0.1 ppb
Rhodium (Rh)	NMT 0.5 ppb
Antimony (Sb)	NMT 0.5 ppb
Scandium (Sc)	NMT 0.1 ppb
Selenium (Se)	NMT 1.0 ppb
Samarium (Sm)	NMT 0.1 ppb
Tin (Sn)	NMT 0.5 ppb
Strontium (Sr)	NMT 0.1 ppb
Terbium (Tb)	NMT 0.1 ppb
Tellurium (Te)	NMT 0.1 ppb
Thorium (Th)	NMT 0.1 ppb
Thulium (Tm)	NMT 0.1 ppb
Tantalum (Ta)	NMT 0.1 ppb
Titanium (Ti)	NMT 0.5 ppb
Thallium (Tl)	NMT 0.1 ppb
Uranium (U)	NMT 0.1 ppb
Vanadium (V)	NMT 0.5 ppb
Tungsten (W)	NMT 0.1 ppb
Yttrium (Y)	NMT 0.1 ppb
Ytterbium (Yb)	NMT 0.1 ppb
Zinc (Zn)	NMT 0.1 ppb
Zirconium (Zr)	NMT 0.1 ppb
Chloride (Cl)	NMT 0.00002 %
Phosphate (PO ₄)	NMT 10.0 ppb
Sulfate (SO ₄)	NMT 300.0 ppb

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