

Product Specification

Product Name:

Nitric acid for analysis, PurSure, Ph Eur, ISO, ≥65%

Product No.: PSR50353
Brand: PureSynth
CAS No.: 7697-37-2
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol



Test	Specification
Appearance	Colourless to light yellow liquid
Assay	≥ 65.0 %
Identification test	Conforms
Density	1.384- 1.416 g/cm ³
Chloride (Cl)	NMT 0.2 ppm
Phosphate (PO ₄)	NMT 0.2 ppm
Sulfate (SO ₄)	NMT 0.5 ppm
Heavy metals (as Pb)	NMT 0.2 ppm
Ag (Silver)	NMT 0.010 ppm
Al (Aluminium)	NMT 0.050 ppm
As (Arsenic)	NMT 0.010 ppm
Au (Gold)	NMT 0.050 ppm
Ba (Barium)	NMT 0.010 ppm
Be (Beryllium)	NMT 0.010 ppm
Bi (Bismuth)	NMT 0.020 ppm
Ca (Calcium)	NMT 0.100 ppm
Cd (Cadmium)	NMT 0.010 ppm
Co (Cobalt)	NMT 0.010 ppm
Cr (Chromium)	NMT 0.020 ppm
Cu (Copper)	NMT 0.010 ppm
Fe (Iron)	NMT 0.100 ppm
Ga (Gallium)	NMT 0.050 ppm
Ge (Germanium)	NMT 0.020 ppm
In (Indium)	NMT 0.020 ppm
K (Potassium)	NMT 0.100 ppm
Li (Lithium)	NMT 0.010 ppm
Mg (Magnesium)	NMT 0.050 ppm
Mn (Manganese)	NMT 0.010 ppm
Mo (Molybdenum)	NMT 0.010 ppm

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Na (Sodium)	NMT 0.200 ppm
Ni (Nickel)	NMT 0.020 ppm
Pb (Lead)	NMT 0.010 ppm
Pt (Platinum)	NMT 0.100 ppm
Sr (Strontium)	NMT 0.010 ppm
Ti (Titanium)	NMT 0.020 ppm
Tl (Thallium)	NMT 0.020 ppm
V (Vanadium)	NMT 0.010 ppm
Zn (Zinc)	NMT 0.020 ppm
Zr (Zirconium)	NMT 0.020 ppm
Residue on ignition (as SO ₄)	NMT 3 ppm

Specification: PS-1.0-QA/009

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