

Nitric Acid 70%, Superpure

HNO₃ FW. 63.01
CAS-No. 7697-37-2
Code **SP1137**

Density 1 L = 1.41 Kg.
Melting Point - 41 °C
Boiling Point 119.9 °C

Specifications

Assay (by acidimetry)	69.0 – 70.0%	
Appearance	Passes test	
Color (APHA)	7	max.
Residue after Ignition	1	ppm max.
Chloride (Cl)	0.08	ppm max.
Phosphate (PO ₄)	0.1	ppm max.
Sulfate (SO ₄)	0.2	ppm max.
Silicate (as Si)	0.1	ppm max.
Aluminium (Al)	5	ppb max.
Antimony (Sb)	0.5	ppb max.
Arsenic (As)	0.5	ppb max.
Barium (Ba)	0.3	ppb max.
Beryllium (Be)	0.1	ppb max.
Bismuth (Bi)	0.2	ppb max.
Boron (B)	2	ppb max.
Cadmium (Cd)	0.5	ppb max.
Calcium (Ca)	15	ppb max.
Chromium (Cr)	10	ppb max.
Cobalt (Co)	1	ppb max.
Copper (Cu)	0.5	ppb max.
Gallium (Ga)	0.1	ppb max.
Germanium (Ge)	0.1	ppb max.
Gold (Au)	0.1	ppb max.
Indium (In)	0.1	ppb max.
Iron (Fe)	15	ppb max.
Lead (Pb)	0.3	ppb max.
Lithium (Li)	0.1	ppb max.
Magnesium (Mg)	5	ppb max.
Manganese (Mn)	0.1	ppb max.
Mercury (Hg)	0.1	ppb max.
Molybdenum (Mo)	0.5	ppb max.
Nickel (Ni)	0.5	ppb max.
Niobium (Nb)	0.1	ppb max.
Platinum (Pt)	0.5	ppb max.
Potassium (K)	5	ppb max.
Silver (Ag)	1	ppb max.
Sodium (Na)	10	ppb max.
Strontium (Sr)	0.1	ppb max.
Thallium (Tl)	0.1	ppb max.
Tin (Sn)	0.5	ppb max.
Titanium (Ti)	0.5	ppb max.
Vanadium (V)	0.5	ppb max.
Zinc (Zn)	1	ppb max.
Zirconium (Zr)	0.1	ppb max.
Particle/ml :		
0.5 µm and greater	64	max.

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S-QC03-SP-A-N070 / RV.00 / Eff.date 01-01-22