

Nitric Acid 70%, Electropure

HNO ₃	FW. 63.01	Density 1 L = 1.41 Kg.
CAS-No.	7697-37-2	Melting Point - 41 °C
Code	EP1137	Boiling Point 119.9 °C

Specifications

Assay (by acidimetry)	69.0 – 70.0%
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	2 ppm max.
Chloride (Cl)	0.1 ppm max.
Phosphate (PO ₄)	0.2 ppm max.
Sulfate (SO ₄)	0.2 ppm max.
Heavy metals (as Pb)	0.1 ppm max.
Aluminium (Al)	0.05 ppm max.
Arsenic and Antimony (as As)	0.005 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.02 ppm max.
Bismuth (Bi)	0.05 ppm max.
Boron (B)	0.05 ppm max.
Cadmium (Cd)	0.05 ppm max.
Calcium (Ca)	0.1 ppm max.
Chromium (Cr)	0.02 ppm max.
Cobalt (Co)	0.02 ppm max.
Copper (Cu)	0.01 ppm max.
Gallium (Ga)	0.02 ppm max.
Germanium (Ge)	0.1 ppm max.
Gold (Au)	0.05 ppm max.
Indium (In)	0.02 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.05 ppm max.
Lithium (Li)	0.02 ppm max.
Magnesium (Mg)	0.05 ppm max.
Manganese (Mn)	0.02 ppm max.
Molybdenum (Mo)	0.05 ppm max.
Nickel (Ni)	0.02 ppm max.
Platinum (Pt)	0.2 ppm max.
Potassium (K)	0.1 ppm max.
Silver (Ag)	0.02 ppm max.
Sodium (Na)	0.2 ppm max.
Strontium (Sr)	0.05 ppm max.
Thallium (Tl)	0.05 ppm max.
Tin (Sn)	0.05 ppm max.
Titanium (Ti)	0.05 ppm max.
Vanadium (V)	0.05 ppm max.
Zinc (Zn)	0.05 ppm max.
Zirconium (Zr)	0.05 ppm max.

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