

Nitric Acid 65%, RCI Premium

HNO₃ FW. 63.01
 CAS-No. 7697-37-2
 Code **RP1133**

Density 1 L = 1.39 Kg.
 Melting Point - 29.1 °C
 Boiling Point 119.6 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	65.0%	min.
Appearance	Passes test	
Identity	Passes test	
Color (APHA)	10	max.
Residue after ignition	3	ppm max.
Chloride (Cl)	0.1	ppm max.
Silicate (SiO ₂)	0.5	ppm max.
Sulfate (SO ₄)	0.5	ppm max.
Phosphate (PO ₄)	0.2	ppm max.
Heavy metal (as Pb)	0.1	ppm max.
Aluminium (Al)	0.05	ppm max.
Arsenic (As)	0.004	ppm max.
Barium (Ba)	0.01	ppm max.
Beryllium (Be)	0.01	ppm max.
Bismuth (Bi)	0.02	ppm max.
Boron (B)	0.05	ppm max.
Cadmium (Cd)	0.01	ppm max.
Calcium (Ca)	0.1	ppm max.
Chromium (Cr)	0.02	ppm max.
Cobalt (Co)	0.01	ppm max.
Copper (Cu)	0.01	ppm max.
Gallium (Ga)	0.05	ppm max.
Germanium (Ge)	0.02	ppm max.
Gold (Au)	0.05	ppm max.
Indium (In)	0.02	ppm max.
Iron (Fe)	0.1	ppm max.
Lead (Pb)	0.01	ppm max.
Lithium (Li)	0.01	ppm max.
Magnesium (Mg)	0.05	ppm max.
Manganese (Mn)	0.01	ppm max.
Mercury (Hg)	0.005	ppm max.
Molybdenum (Mo)	0.01	ppm max.
Nickel (Ni)	0.02	ppm max.
Platinum (Pt)	0.1	ppm max.
Potassium (K)	0.1	ppm max.
Silver (Ag)	0.01	ppm max.
Sodium (Na)	0.2	ppm max.
Strontium (Sr)	0.01	ppm max.
Thallium (Tl)	0.02	ppm max.
Tin (Sn)	0.2	ppm max.
Titanium (Ti)	0.02	ppm max.
Vanadium (V)	0.01	ppm max.
Zinc (Zn)	0.02	ppm max.
Zirconium (Zr)	0.02	ppm max.

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