

Nitric Acid 65%, Low Mercury

HNO₃ FW. 63.01
 CAS-No. 7697-37-2
 Code EP1134

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

Specifications

Assay (by acidimetry)	65.0%	min.
Mercury (Hg)	0.000003%	max
Appearance	Passes test	
Color (APHA)	10	max.
Residue after Ignition	2	ppm max.
Chloride (Cl)	0.08	ppm max.
Phosphate (PO ₄)	0.2	ppm max.
Sulfate (SO ₄)	0.1	ppm max.
Heavy metals (as Pb)	0.1	ppm max.
Aluminium (Al)	0.01	ppm max.
Antimony (Sb)	0.005	ppm max.
Arsenic (As)	0.005	ppm max.
Barium (Ba)	0.005	ppm max.
Beryllium (Be)	0.001	ppm max.
Bismuth (Bi)	0.005	ppm max.
Boron (B)	0.005	ppm max.
Cadmium (Cd)	0.001	ppm max.
Calcium (Ca)	0.05	ppm max.
Chromium (Cr)	0.005	ppm max.
Cobalt (Co)	0.001	ppm max.
Copper (Cu)	0.001	ppm max.
Gallium (Ga)	0.001	ppm max.
Germanium (Ge)	0.005	ppm max.
Gold (Au)	0.005	ppm max.
Indium (In)	0.001	ppm max.
Iron (Fe)	0.08	ppm max.
Lead (Pb)	0.005	ppm max.
Lithium (Li)	0.001	ppm max.
Magnesium (Mg)	0.01	ppm max.
Manganese (Mn)	0.001	ppm max.
Molybdenum (Mo)	0.001	ppm max.
Nickel (Ni)	0.005	ppm max.
Platinum (Pt)	0.001	ppm max.
Potassium (K)	0.005	ppm max.
Silver (Ag)	0.001	ppm max.
Sodium (Na)	0.05	ppm max.
Strontium (Sr)	0.001	ppm max.
Tantalum (Ta)	0.002	ppm max.
Thallium (Tl)	0.001	ppm max.
Tin (Sn)	0.002	ppm max.
Titanium (Ti)	0.001	ppm max.
Vanadium (V)	0.001	ppm max.
Zinc (Zn)	0.01	ppm max.
Zirconium (Zr)	0.001	ppm max.

TN_26-08-2009

S-QC03-EP-A-N165 / RV.00 / Eff.date 01-11-12