

Nitric Acid 50%, AR.

HNO₃ FW. 63.01
CAS-No. 7697-37-2
Code [AR1132](#)

Density 1 L = 1.31 Kg.
Melting Point - 19.2 °C
Boiling Point 114.7 °C

Specifications

Assay (by acidimetry)	49.5 - 50.5%
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	5.0 ppm max.
Chloride (Cl)	0.1 ppm max.
Phosphate (PO ₄)	0.2 ppm max.
Sulfate (SO ₄)	0.5 ppm max.
Heavy metals (as Pb)	0.1 ppm max.
Arsenic (As)	0.004 ppm max.
Chromium (Cr)	0.1 ppm max.
Copper (Cu)	0.05 ppm max.
Iron (Fe)	0.2 ppm max.
Mercury (Hg)	0.005 ppm max.
Nickel (Ni)	0.05 ppm max.

TN_26-08-2009

S-QC03-AR-A-N050 / RV.00 / Eff.date 01-11-12