

**Nitric Acid 70%, AR.**

HNO<sub>3</sub>                      FW. 63.01  
CAS-No.                    7697-37-2  
Code                        **AR1137**

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

**Specifications**

(Meet A.C.S. Specifications)

Assay (by acidimetry)	69.0 - 70.0 %
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	4.0 ppm max.
Chloride (Cl)	0.1 ppm max.
Phosphate (PO <sub>4</sub> )	0.2 ppm max.
Sulfate (SO <sub>4</sub> )	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.

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S-QC03-AR-A-N070 / RV.00 / Eff.date 01-11-12