

**Nitric Acid 65%, AR.**

HNO<sub>3</sub>                      FW. 63.01  
CAS-No.                    7697-37-2  
Code                         **AR1133**

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%	min.
Appearance	Passes test	
Color (APHA)	10	max.
Residue after Ignition	5.0	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.
Cadmium (Cd)	0.01	ppm max.
Chromium (Cr)	0.1	ppm max.
Copper (Cu)	0.05	ppm max.
Iron (Fe)	0.1	ppm max.
Lead (Pb)	0.01	ppm max.
Mercury (Hg)	0.005	ppm max.
Nickel (Ni)	0.05	ppm max.
Zinc (Zn)	0.02	ppm max.

TN\_26-08-2009

S-QC03-AR-A-N065 / RV.00 / Eff.date 01-11-12