

**Nitric Acid 97% Fuming, AR.**

HNO <sub>3</sub>	FW. 63.01	Density 1 L = 1.49 Kg.
CAS-No.	7697-37-2	Melting Point - 45.3 °C
Code	AR1135	Boiling Point 85.2 °C

**Specifications**

(Meet A.C.S. Specifications)

Assay (by acidimetry)	97%	min.
Dilution test	Passes test	
Dissolved Oxides (as N <sub>2</sub> O <sub>3</sub> )	0.1%	max.
Residue after Ignition	0.002%	max.
Chloride (Cl)	0.5	ppm max.
Sulfate (SO <sub>4</sub> )	2.0	ppm max.
Heavy metals (as Pb)	1.0	ppm max.
Arsenic (As)	0.01	ppm max.
Cadmium (Cd)	0.1	ppm max.
Copper (Cu)	0.1	ppm max.
Iron (Fe)	1.0	ppm max.
Lead (Pb)	0.5	ppm max.
Manganese (Mn)	0.1	ppm max.
Nickel (Ni)	0.1	ppm max.

TN\_25-01-2011

S-QC03-AR-A-N097 / RV.00 / Eff.date 01-11-12