

**Nitric Acid 90% Fuming, AR.**

HNO <sub>3</sub>	FW. 63.01	Density 1 L = 1.48	Kg.
CAS-No.	7697-37-2	Melting Point -	65.2 °C
Code	AR1138	Boiling Point	96.2 °C

**Specifications**

(Meet A.C.S. Specifications)

Assay (by acidimetry)	90%	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.

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S-QC03-AR-A-N090 / RV.00 / Eff.date 01-11-12