

**Nitric Acid 95% Fuming, Semig**

HNO <sub>3</sub>	FW. 63.01	Density 1 L = 1.49	Kg.
CAS-No.	7697-37-2	Melting Point -	49.5 °C
Code	SM1139	Boiling Point	87.1 °C

**Specifications**

Assay (by acidimetry)	95%	min.
Residue after Ignition	0.002%	max.
Chloride (Cl)	0.5	ppm max.
Sulfate (SO <sub>4</sub> )	2	ppm max.
Aluminium (Al)	0.05	ppm max.
Arsenic (As)	0.02	ppm max.
Barium (Ba)	0.02	ppm max.
Beryllium (Be)	0.02	ppm max.
Bismuth (Bi)	0.05	ppm max.
Calcium (Ca)	0.5	ppm max.
Cadmium (Cd)	0.02	ppm max.
Chromium (Cr)	0.02	ppm max.
Cobalt (Co)	0.02	ppm max.
Copper (Cu)	0.02	ppm max.
Germanium (Ge)	0.02	ppm max.
Iron (Fe)	1	ppm max.
Lead (Pb)	0.03	ppm max.
Magnesium (Mg)	0.05	ppm max.
Manganese (Mn)	0.02	ppm max.
Molybdenum (Mo)	0.02	ppm max.
Nickel (Ni)	0.05	ppm max.
Potassium (K)	0.5	ppm max.
Silver (Ag)	0.05	ppm max.
Sodium (Na)	0.5	ppm max.
Strontium (Sr)	0.02	ppm max.
Titanium (Ti)	0.05	ppm max.
Thallium (Tl)	0.05	ppm max.
Vanadium (V)	0.02	ppm max.
Zinc (Zn)	0.1	ppm max.
Zirconium (Zr)	0.05	ppm max.