

## Nitric Acid 70%, Semig

HNO<sub>3</sub>                      FW. 63.01  
 CAS-No.                    7697-37-2  
 Code                         **SM1137**

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

### Specifications

Assay (by acidimetry)	69.0 – 70.0%
Color (APHA)	10 max.
Chloride (Cl)	0.08 ppm max.
Phosphate (PO <sub>4</sub> )	0.2 ppm max.
Sulfate (SO <sub>4</sub> )	0.5 ppm max.
Aluminium (Al)	0.2 ppm max.
Arsenic and Antimony (as As)	0.005 ppm max.
Boron (B)	0.1 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.1 ppm max.
Copper (Cu)	0.05 ppm max.
Gold (Au)	0.3 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.1 ppm max.
Magnesium (Mg)	0.3 ppm max.
Manganese (Mn)	0.2 ppm max.
Nickel (Ni)	0.05 ppm max.
Potassium (K)	0.3 ppm max.
Sodium (Na)	0.3 ppm max.
Tin (Sn)	0.3 ppm max.
Titanium (Ti)	0.3 ppm max.
Zinc (Zn)	0.3 ppm max.

TN\_26-08-2009

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