

Nitric Acid 70%, Semig Plus

HNO ₃	FW. 63.01	Density 1 L = 1.41 Kg.
CAS-No.	7697-37-2	Melting Point - 41 °C
Code	SM1136	Boiling Point 119.9 °C

Specifications

Assay (by acidimetry)	69.0 - 70.0%
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	2 ppm max.
Chloride (Cl)	0.08 ppm max.
Phosphate (PO ₄)	0.2 ppm max.
Sulfate (SO ₄)	0.5 ppm max.
Heavy metals (as Pb)	0.1 ppm max.
Aluminium (Al)	0.2 ppm max.
Arsenic (As)	0.005 ppm max.
Antimony (Sb)	0.005 ppm max.
Boron (B)	0.01 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.03 ppm max.
Copper (Cu)	0.02 ppm max.
Gold (Au)	0.02 ppm max.
Iron (Fe)	0.1 ppm max.
Lead (Pb)	0.1 ppm max.
Magnesium (Mg)	0.02 ppm max.
Manganese (Mn)	0.01 ppm max.
Nickel (Ni)	0.02 ppm max.
Potassium (K)	0.05 ppm max.
Sodium (Na)	0.2 ppm max.
Tin (Sn)	0.02 ppm max.
Titanium (Ti)	0.01 ppm max.
Zinc (Zn)	0.03 ppm max.