

**Nitric Acid 70%, RCI Premium**

HNO <sub>3</sub>	FW. 63.01	Density 1 L	= 1.41	Kg.
CAS-No.	7697-37-2	Melting Point	- 41	°C
Code	RP1137	Boiling Point	119.9	°C

**Specifications**

(Meet A.C.S. Specifications)

Assay (by acidimetry)	69.0 - 70.0 %
Appearance	Passes test
Color (APHA)	10 max.
Residue after ignition	0.0004% max.
Chloride (Cl)	0.00001% max.
Silicate (SiO <sub>2</sub> )	0.00005% max.
Sulfate (SO <sub>4</sub> )	0.00005% max.
Phosphate (PO <sub>4</sub> )	0.00002% max.
Heavy metal (as Pb)	0.00001% max.
Aluminium (Al)	0.00001% max.
Arsenic (As)	0.0000004% max.
Barium (Ba)	0.000005% max.
Boron (B)	0.000005% max.
Cadmium (Cd)	0.000002% max.
Calcium (Ca)	0.00002% max.
Chromium (Cr)	0.000005% max.
Cobalt (Co)	0.000001% max.
Copper (Cu)	0.000002% max.
Gold (Au)	0.00001% max.
Iron (Fe)	0.00001% max.
Lead (Pb)	0.000005% max.
Magnesium (Mg)	0.00001% max.
Manganese (Mn)	0.000001% max.
Mercury (Hg)	0.0000005% max.
Molybdenum (Mo)	0.000002% max.
Nickel (Ni)	0.000003% max.
Potassium (K)	0.00002% max.
Sodium (Na)	0.00005% max.
Strontium (Sr)	0.000002% max.
Tin (Sn)	0.00002% max.
Titanium (Ti)	0.00002% max.
Zinc (Zn)	0.00001% max.

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