RCI Labscan Limited

Nitric Acid 70%, VLSI

HNO_3	FW. 63.01	Density 1 L = 1.41	Kg.
CAS-No.	7697-37-2	Melting Point - 41	°C
Code	VL1137	Boiling Point 119.9	°C

Specifications

Assay (by acidimetry)	69.0 – 70.0%	
Appearance	Passes test	
Color (APHA)	7	max.
Residue after Ignition	1	ppm max.
Chloride (Cl)	0.08	ppm max.
Phosphate (PO_4)	0.1	ppm max.
Sulfate (SO_4)	0.2	ppm max.
Silicate (as Si)	0.1	ppm max.
Aluminium (Al)	20	ppb max.
Antimony (Sb)	1	ppb max.
Arsenic (As)	1	ppb max.
Barium (Ba)	5	ppb max.
Beryllium (Be)	1	ppb max.
Bismuth (Bi)	5	ppb max.
Boron (B)	5	ppb max.
Cadmium (Cd)	1	ppb max.
Calcium (Ca)	50	ppb max.
Chromium (Cr)	10	ppb max.
Cobalt (Co)	1	ppb max.
Copper (Cu)	5	ppb max.
Gallium (Ga)	1	ppb max.
Germanium (Ge)	5	ppb max.
Gold (Au)	1	ppb max.
Indium (In)	1	ppb max.
Iron (Fe)	50	ppb max.
Lead (Pb)	5	ppb max.
Lithium (Li)	1	ppb max.
Magnesium (Mg)	10	ppb max.
Manganese (Mn)	5	ppb max.
Molybdenum (Mo)	1	ppb max.
Nickel (Ni)	5	ppb max.
Platinum (Pt)	1	ppb max.
Potassium (K)	5	ppb max.
Silver (Ag)	5	ppb max.
Sodium (Na)	50	ppb max.
Strontium (Sr)	1	ppb max.
Tantalum (Ta)	1	ppb max.
Thallium (Tl)	1	ppb max.
Tin (Sn)	1	ppb max.
Titanium (Ti)	5	ppb max.
Vanadium (V)	5	ppb max.
Zinc (Zn)	10	ppb max.
Zirconium (Zr)	1	ppb max.
Particle/ml :		
0.5 µm and greater	64	max.

Product passed through 1 micron final filter.

TN_11-02-2014

S-QC03-VL-A-N070 / RV.03 / Eff.date 08-11-24