

SPECIFICATION

Product Code: 24442

Product Name : NITRIC ACID 69.5% FOR TRACE METAL ANALYSIS

HNO ₃	M.W. 63.01
Assay (acidimetric)	69.1-69.9%
Colour scale	max. 10 APHA
Density (at 20 ⁰ C)	1.408 – 1.416 g/ml
Sulphate (SO ₄)	max. 100 ppb
Chloride (Cl)	max. 100 ppb
Phosphate (PO ₄)	max 500 ppb
Silicate (Si)	max 1000 ppb
Sulphated Ash	max 4000 ppb
Aluminium (Al)	max. 50 ppb
Arsenic (As)	max. 5 ppb
Barium (Ba)	max. 100 ppb
Beryllium (Be)	max. 20 ppb
Bismuth (Bi)	max. 100 ppb
Cadmium (Cd)	max. 5 ppb
Calcium (Ca)	max. 5000 ppb
Chromium (Cr)	max. 100 ppb
Cobalt (Co)	max. 10 ppb
Copper (Cu)	max. 10 ppb
Heavy metal (as Pb)	max. 200 ppb
Iron (Fe)	max. 20 ppb
Lead (Pb)	max. 20 ppb
Lithium (Li)	max. 20 ppb
Manganese (Mn)	max. 10 ppb
Magnesium (Mg)	max. 100 ppb
Molybdenum (Mo)	max. 20 ppb
Nickel (Ni)	max. 50 ppb



Potassium (K)	max. 100 ppb
Silver (Ag)	max. 20 ppb
Sodium (Na)	max. 500 ppb
Strontium (Sr)	max. 20 ppb
Thallium (Tl)	max. 50 ppb
Titanium (Ti)	max. 100 ppb
Vanadium (V)	max. 50 ppb
Zinc (Zn)	max. 10 ppb

CAS No. : 7697-37-2 R: 35 S: 23- 26- 36/37/39- 45