



Product Specifications

PRODUCT NAME: Nitric Acid
Krystal Pure

CHEMICAL FORMULA: HNO3

Product Code: 377200-90000
F.W.: 63.0100
CAS No: 7697-37-2
Density: 1.42

ITEM	SPECIFICATIONS
Appearance	Clear, colorless liquid
Manufacture Date	XX/XX/XXXX
Expiration Date	1 year from Manufacture Date
Assay (HNO3)	69.0 - 70.0%
Color (APHA)	10 max.
Residue After Ignition	2 ppm max.
Chloride (Cl)	0.05 ppm max.
Phosphate (PO4)	0.05 ppm max.
Sulfate (SO4)	0.2 ppm max.
Aluminum (Al)	5 ppb max.
Arsenic and Antimony (as As)	5 ppb max.
Arsenic (As)	3 ppb max.
Antimony (Sb)	3 ppb max.
Barium (Ba)	10 ppb max.
Beryllium (Be)	10 ppb max.
Bismuth (Bi)	20 ppb max.
Boron (B)	10 ppb max.
Cadmium (Cd)	5 ppb max.
Calcium (Ca)	10 ppb max.
Chromium (Cr)	10 ppb max.
Cobalt (Co)	10 ppb max.
Copper (Cu)	10 ppb max.
Gallium (Ga)	10 ppb max.
Germanium (Ge)	5 ppb max.
Gold (Au)	5 ppb max.
Heavy Metals (as Pb)	100 ppb max.
Iron (Fe)	5 ppb max.
Lead (Pb)	1 ppb max.
Lithium (Li)	5 ppb max.
Magnesium (Mg)	10 ppb max.
Manganese (Mn)	10 ppb max.
Molybdenum (Mo)	10 ppb max.
Nickel (Ni)	10 ppb max.
Niobium (Nb)	10 ppb max.
Potassium (K)	5 ppb max.
Silicon (Si)	50 ppb max.
Silver (Ag)	10 ppb max.
Sodium (Na)	5 ppb max.
Strontium (Sr)	10 ppb max.
Tantalum (Ta)	10 ppb max.



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Thallium (Tl)	10 ppb max.
Tin (Sn)	10 ppb max.
Titanium (Ti)	10 ppb max.
Vanadium (V)	10 ppb max.
Zinc (Zn)	10 ppb max.
Zirconium (Zr)	10 ppb max.
Particles (> 0.5 micron)	60 particles/mL max.
Particles (≥ 1.0 micron)	10 particles/mL max.


Remarks:

Particle count values come from the point of fill.

The above are the specifications, ranges and limits set for this product.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

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Eddy Santiago
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