



Product Specifications

PRODUCT NAME: Nitric Acid
Krystal Pure

CHEMICAL FORMULA: HNO₃

Product Code: 377200
F.W.: 63.0100
CAS No: 7697-37-2
Density: 1.4200

ITEM	SPECIFICATIONS
Appearance	Clear, colorless liquid
Manufacture Date	XX/XX/XX
Assay (HNO ₃)	69.0 - 70.0%
Expiration Date	1 year from Manufacture Date
Color (APHA)	10 max.
Residue After Ignition	2 ppm max.
Chloride (Cl)	0.08 ppm max.
Phosphate (PO ₄)	0.1 ppm max.
Sulfate (SO ₄)	0.2 ppm max.
Aluminum (Al)	40 ppb max.
Arsenic and Antimony (as As)	5 ppb max.
Barium (Ba)	10 ppb max.
Beryllium (Be)	10 ppb max.
Bismuth (Bi)	20 ppb max.
Boron (B)	10 ppb max.
Cadmium (Cd)	50 ppb max.
Calcium (Ca)	50 ppb max.
Chromium (Cr)	30 ppb max.
Cobalt (Co)	10 ppb max.
Copper (Cu)	10 ppb max.
Gallium (Ga)	10 ppb max.
Germanium (Ge)	20 ppb max.
Gold (Au)	20 ppb max.
Heavy Metals (as Pb)	100 ppb max.
Iron (Fe)	40 ppb max.
Lead (Pb)	20 ppb max.
Lithium (Li)	10 ppb max.
Magnesium (Mg)	20 ppb max.
Manganese (Mn)	10 ppb max.
Nickel (Ni)	20 ppb max.
Niobium (Nb)	50 ppb max.
Potassium (K)	50 ppb max.
Silicon (Si)	50 ppb max.
Silver (Ag)	20 ppb max.
Sodium (Na)	150 ppb max.
Strontium (Sr)	30 ppb max.
Tantalum (Ta)	10 ppb max.
Thallium (Tl)	10 ppb max.
Tin (Sn)	20 ppb max.



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Titanium (Ti)	10 ppb max.
Vanadium (V)	10 ppb max.
Zinc (Zn)	20 ppb max.
Zirconium (Zr)	10 ppb max.
Particles (> 0.5 micron)	60 particles/mL max.
Particles (≥ 1.0 micron)	10 particles/mL max.