



# Product Specifications

PRODUCT NAME: Nitric Acid  
Krystal Pure Grade 2

CHEMICAL FORMULA: HNO<sub>3</sub>

Product Code: 372800-90000  
F.W.: 63.0100  
CAS No: 7697-37-2  
Density: 1.42

ITEM	SPECIFICATIONS
Appearance	Clear, Colorless Liquid
Assay (HNO <sub>3</sub> )	69.0 - 70.0%
Color (APHA)	10 max.
Chloride (Cl)	50 ppb max.
Phosphate (PO <sub>4</sub> )	50 ppb max.
Sulfate (SO <sub>4</sub> )	100 ppb max.
Aluminum (Al)	1.0 ppb max.
Antimony (Sb)	1.0 ppb max.
Arsenic (As)	1.0 ppb max.
Barium (Ba)	1.0 ppb max.
Beryllium (Be)	1.0 ppb max.
Bismuth (Bi)	1.0 ppb max.
Boron (B)	3.0 ppb max.
Cadmium (Cd)	1.0 ppb max.
Calcium (Ca)	3.0 ppb max.
Chromium (Cr)	3.0 ppb max.
Cobalt (Co)	1.0 ppb max.
Copper (Cu)	1.0 ppb max.
Gallium (Ga)	1.0 ppb max.
Germanium (Ge)	1.0 ppb max.
Gold (Au)	1.0 ppb max.
Iron (Fe)	3.0 ppb max.
Lead (Pb)	1.0 ppb max.
Lithium (Li)	1.0 ppb max.
Magnesium (Mg)	1.0 ppb max.
Manganese (Mn)	1.0 ppb max.
Molybdenum (Mo)	1.0 ppb max.
Nickel (Ni)	1.0 ppb max.
Niobium (Nb)	1.0 ppb max.
Potassium (K)	1.0 ppb max.
Silver (Ag)	1.0 ppb max.
Sodium (Na)	1.0 ppb max.
Strontium (Sr)	1.0 ppb max.
Tantalum (Ta)	1.0 ppb max.
Thallium (Tl)	1.0 ppb max.
Tin (Sn)	1.0 ppb max.
Titanium (Ti)	1.0 ppb max.
Tungsten (W)	1.0 ppb max.
Vanadium (V)	1.0 ppb max.
Zinc (Zn)	1.0 ppb max.



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CHEMICAL FORMULA: HNO3

Product Code: 372800-90000  
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Density: 1.42

ITEM	SPECIFICATIONS
Zirconium (Zr)	1.0 ppb max.
Particles @ 1.0 um (at point of fill)	10 particles/mL max.
Particles @ 0.5 um (at point of fill)	100 particles/mL max.
Particles @ 0.2 um (at point of fill)	500 particles/mL max.
Manufacture Date	Record
Expiration date	2 years from man. date

Remarks:

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

  
Eddy Santiago  
Quality Assurance Manager

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