

Product Specifications

PRODUCT NAME: Nitric Acid
Krystal Pure Grade 2

CHEMICAL FORMULA: HNO₃

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

ITEM	SPECIFICATIONS
Appearance	Clear, Colorless Liquid
Assay (HNO ₃)	69.0 - 70.0%
Color (APHA)	10 max.
Chloride (Cl)	50 ppb max.
Phosphate (PO ₄)	50 ppb max.
Sulfate (SO ₄)	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.

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Zinc (Zn)	1.0 ppb max.
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.

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Eddy Santiago
Quality Assurance Manager

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N4335 TEMKIN RD * COLUMBUS, WISCONSIN * 53925 * PH: (920) 623-2140
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