



Product Specifications

PRODUCT NAME: Nitric Acid 70%
SEMI Grade 2

CHEMICAL FORMULA: HNO₃

Product Code: 375800-90000
F.W.: 63.0100
CAS No: 7697-37-2
Density: 1.42

ITEM	SPECIFICATIONS
Appearance	Clear, colorless liquid
Color (APHA)	10 max.
Arsenic (As)	10 ppb max.
Barium (Ba)	10 ppb max.
Beryllium (Be)	10 ppb max.
Bismuth (Bi)	10 ppb max.
Boron (B)	10 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.
Lead (Pb)	10 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.
Silver (Ag)	10 ppb max.
Strontium (Sr)	10 ppb max.
Tantalum (Ta)	10 ppb max.
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.
Phosphate (PO ₄)	200 ppb max.
Aluminum (Al)	5 ppb max.
Antimony (Sb)	5 ppb max.
Cadmium (Cd)	5 ppb max.
Germanium (Ge)	5 ppb max.
Gold (Au)	5 ppb max.
Iron (Fe)	5 ppb max.
Lithium (Li)	5 ppb max.
Potassium (K)	5 ppb max.
Sodium (Na)	5 ppb max.
Sulfate (SO ₄)	500 ppb max.
Assay (HNO ₃)	69.0 - 70.0%
Chloride (Cl)	80 ppb max.



COLUMBUS CHEMICAL INDUSTRIES

Product Specifications

PRODUCT NAME: Nitric Acid 70%
SEMI Grade 2

CHEMICAL FORMULA: HNO3

Product Code: 375800-90000
F.W.: 63.0100
CAS No: 7697-37-2
Density: 1.42

ITEM	SPECIFICATIONS

Remarks:
*Particle count certified for material in glass or Teflon containers only.

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

Eddy Santiago
Quality Assurance Manager

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.

Document Print Date:
4/1/2021



CHEMICAL PROCESSORS AND PACKAGERS OF ELECTRONIC GRADE HIGH PURITY
ACIDS / BLENDS / REAGENTS / SOLUTIONS

N4335 TEMKIN RD * COLUMBUS, WISCONSIN * 53925 * PH: (920) 623-2140 * FAX: (920) 623-2577
4034 W. WASHINGTON ST * PHOENIX, ARIZONA * 85009 * PH: (602) 272-2500 * FAX: (602) 272-2543

ISO 9001 certified
since 2009