



Product Specifications

PRODUCT NAME: Nitric Acid 70%
SEMI

CHEMICAL FORMULA: HNO₃


Product Code: 376000-90000
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.
Residue After Ignition	5 ppm max. (5,000 ppb)
Heavy Metals (as Pb)	0.2 ppm max. (200 ppb)
Chloride (Cl)	0.08 ppm max. (80 ppb)
Phosphate (PO ₄)	0.2 ppm max. (200 ppb)
Sulfate (SO ₄)	0.5 ppm max. (500 ppb)
Arsenic and Antimony (as As)	0.005 ppm max. (5 ppb)
Aluminum (Al)	0.2 ppm max. (200 ppb)
Boron (B)	0.1 ppm max. (100 ppb)
Calcium (Ca)	0.2 ppm max. (200 ppb)
Chromium (Cr)	0.1 ppm max. (100 ppb)
Copper (Cu)	0.05 ppm max. (50 ppb)
Gold (Au)	0.3 ppm max. (300 ppb)
Iron (Fe)	0.2 ppm max. (200 ppb)
Lead (Pb)	0.1 ppm max. (100 ppb)
Magnesium (Mg)	0.3 ppm max. (300 ppb)
Manganese (Mn)	0.2 ppm max. (200 ppb)
Nickel (Ni)	0.05 ppm max. (50 ppb)
Potassium (K)	0.3 ppm max. (300 ppb)
Sodium (Na)	0.3 ppm max. (300 ppb)
Tin (Sn)	0.3 ppm max. (300 ppb)
Titanium (Ti)	0.3 ppm max. (300 ppb)
Zinc (Zn)	0.3 ppm max. (300 ppb)
Expiration Date	Record Actual

Remarks:

*Particle count certified in poly or teflon bottles only.

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


Eddy Santiago
Quality Assurance Manager

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