



Product Specifications

PRODUCT NAME: Nitric Acid 70%
SEMI

CHEMICAL FORMULA: HNO₃

Product Code: 376000
F.W.: 63.0100
CAS No: 7697-37-2
Density: 1.4200

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)