

# CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

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## Nitric Acid, Semi Grade

<u>Specification</u>	<u>Maximum Limits</u>
Assay (NHO <sub>3</sub> )	68-70%
Color (APHA)	10
Residue after Ignition	2 ppm
Chloride (Cl)	0.08 ppm
Sulfate (SO <sub>4</sub> )	0.5 ppm
Phosphate (PO <sub>4</sub> )	0.2 ppm
Heavy Metals (as Pb)	0.1 ppm
Arsenic & Antimony (as As)	0.005 ppm
Aluminum (Al)	0.5 ppm
Barium (Ba)	1 ppm
Boron (B)	0.1 ppm
Cadmium (Cd)	0.5 ppm
Calcium (Ca)	0.5 ppm
Chromium (Cr)	0.1 ppm
Cobalt (Co)	0.5 ppm
Copper (Cu)	0.05 ppm
Gallium (Ga)	0.1 ppm
Germanium (Ge)	0.1 ppm
Gold (Au)	0.5 ppm
Iron (Fe)	0.2 ppm
Lithium (Li)	1 ppm
Magnesium (Mg)	1 ppm
Manganese (Mn)	0.5 ppm
Nickel (Ni)	0.05 ppm
Potassium (K)	1 ppm
Silicon (Si)	1 ppm
Silver (Ag)	0.5 ppm
Sodium (Na)	1 ppm
Strontium (Sr)	1 ppm
Tin (Sn)	1 ppm
Zinc (Zn)	1 ppm