

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

Office and Plant
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Fairless Hills, PA 19030

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Hydrofluoric Acid, Semi Grade

<u>Specification</u>	<u>Maximum Limits</u>
Assay (HF)	48-51%
Color (APHA)	10
Residue after Ignition	5 ppm
Fluosilicic Acid (H ₂ SiF ₆)	0.01%
Chloride (Cl)	5 ppm
Sulfate & Sulfite (as SO ₄)	5 ppm
Phosphate (PO ₄)	1 ppm
Heavy Metals (as Pb)	0.1 ppm
Arsenic & Antimony (as As)	0.03 ppm
Aluminum (Al)	0.05 ppm
Barium (Ba)	0.5 ppm
Boron (B)	0.05 ppm
Cadmium (Cd)	1 ppm
Calcium (Ca)	1 ppm
Chromium (Cr)	0.01 ppm
Cobalt (Co)	0.5 ppm
Copper (Cu)	0.05 ppm
Gallium (Ga)	0.05 ppm
Germanium (Ge)	1 ppm
Gold (Au)	0.5 ppm
Iron (Fe)	0.5 ppm
Lithium (Li)	1 ppm
Magnesium (Mg)	0.5 ppm
Manganese (Mn)	0.5 ppm
Nickel (Ni)	0.1 ppm
Potassium (K)	1 ppm
Silver (Ag)	0.1 ppm
Sodium (Na)	1 ppm
Strontium (Sr)	1 ppm
Tin (Sn)	1 ppm
Zinc (Zn)	1 ppm