



SOLVENTS & PETROLEUM

SERVICE

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1405 Brewerton Road • Syracuse NY 13208

Phone: 315-454-4467 | Fax: 315-454-8230

Toll Free: 1-800-315-4467

www.SolventsandPetroleum.com

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

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For detailed safety and handling information regarding these products, please refer to the respective Solvents and Petroleum Service, Inc. Safety Data Sheets (SDS).