

Hydrofluoric Acid 49%, Electropure

HF	FW. 20.01	Density 1 L = 1.15 Kg.
CAS-No.	7664-39-3	Melting Point - 36 °C
Code	EP1337	Boiling Point 106 °C

Specifications

Assay	48.5 - 49.5%	
Color (APHA)	10	max.
Fluosilicic acid (H ₂ SiF ₆)	50	ppm max.
Residue after Ignition	5	ppm max.
Chloride (Cl)	5	ppm max.
Nitrate (NO ₃)	3	ppm max.
Phosphate (PO ₄)	0.5	ppm max.
Sulfate and Sulfite (as SO ₄)	1	ppm max.
Heavy metals (as Pb)	100	ppb max.
Aluminium (Al)	50	ppb max.
Arsenic and Antimony (as As)	10	ppb max.
Barium (Ba)	10	ppb max.
Beryllium (Be)	10	ppb max.
Bismuth (Bi)	20	ppb max.
Boron (B)	10	ppb max.
Cadmium (Cd)	10	ppb max.
Calcium (Ca)	100	ppb max.
Chromium (Cr)	10	ppb max.
Cobalt (Co)	10	ppb max.
Copper (Cu)	10	ppb max.
Gallium (Ga)	10	ppb max.
Germanium (Ge)	20	ppb max.
Gold (Au)	10	ppb max.
Iron (Fe)	100	ppb max.
Lead (Pb)	10	ppb max.
Lithium (Li)	10	ppb max.
Magnesium (Mg)	100	ppb max.
Manganese (Mn)	10	ppb max.
Molybdenum (Mo)	10	ppb max.
Nickel (Ni)	10	ppb max.
Niobium (Nb)	10	ppb max.
Potassium (K)	20	ppb max.
Silicon (Si)	1000	ppb max.
Silver (Ag)	10	ppb max.
Sodium (Na)	50	ppb max.
Strontium (Sr)	10	ppb max.
Tantalum (Ta)	10	ppb max.
Thallium (Tl)	10	ppb max.
Tin (Sn)	20	ppb max.
Titanium (Ti)	50	ppb max.
Vanadium (V)	10	ppb max.
Zinc (Zn)	20	ppb max.
Zirconium (Zr)	10	ppb max.
Particle/ml		
0.5 µm and greater	100	max.

TN_28-10-2019

S-QC03-EP-A-HF049 / RV.00 / Eff.date 20-10-20