

Hydrofluoric Acid 49%, AR

HF	FW. 20.01	Density 1 L = 1.15 Kg.
CAS-No.	7664-39-3	Melting Point - 36 °C
Code	AR1337	Boiling Point 106 °C

Specifications

Assay	48.5 - 49.5%	
Color (APHA)	10	max.
Fluosilicic acid (H ₂ SiF ₆)	100	ppm max.
Residue after Ignition	5	ppm max.
Chloride (Cl)	5	ppm max.
Phosphate (PO ₄)	1	ppm max.
Sulfate and Sulfite (as SO ₄)	5	ppm max.
Heavy metals (as Pb)	500	ppb max.
Aluminium (Al)	100	ppb max.
Arsenic (As)	50	ppb max.
Barium (Ba)	50	ppb max.
Beryllium (Be)	20	ppb max.
Bismuth (Bi)	50	ppb max.
Boron (B)	50	ppb max.
Cadmium (Cd)	20	ppb max.
Calcium (Ca)	500	ppb max.
Chromium (Cr)	20	ppb max.
Cobalt (Co)	50	ppb max.
Copper (Cu)	50	ppb max.
Iron (Fe)	300	ppb max.
Lead (Pb)	50	ppb max.
Lithium (Li)	50	ppb max.
Magnesium (Mg)	200	ppb max.
Manganese (Mn)	50	ppb max.
Molybdenum (Mo)	50	ppb max.
Nickel (Ni)	50	ppb max.
Potassium (K)	100	ppb max.
Silver (Ag)	50	ppb max.
Sodium (Na)	200	ppb max.
Strontium (Sr)	50	ppb max.
Tantalum (Ta)	10	ppb max.
Thallium (Tl)	20	ppb max.
Tin (Sn)	50	ppb max.
Titanium (Ti)	100	ppb max.
Vanadium (V)	50	ppb max.
Zinc (Zn)	100	ppb max.
Zirconium (Zr)	50	ppb max.