

PRODUCT IDENTITY

PRODUCT NAME	Hydrofluoric acid	PRODUCT NUMBER	H485836
Grades & Purity	Ph.Eur., Suitable for Analysis, ACS, Premium pure, ≥48%	VERSION	3
CAS NUMBER	7664-39-3	FORMULA	HF
FORMULA WEIGHT	20.01g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Assay(acidimetric)	48-51 (%)
Chloride (Cl-)	0-1 (ppm)
Hexafluorosilicate(SiF ₆)	0-50 (ppm)
Nitrate(NO ₃)	0-5 (ppm)
Phospate(PO ₄)	0-0.5 (ppm)
Sulfate and sulphite(as SO ₄)	0-5 (ppm)
Heavy metals(as Pb)	0-0.5 (ppm)
Silver(Ag)	0-0.02 (ppm)
Aluminium(Al)	0-0.05 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Arsenic(As)	0-0.03 (ppm)
Gold(Au)	0-0.1 (ppm)
Boron(B)	0-0.05 (ppm)
Barium(Ba)	0-0.01 (ppm)
Beryllium(Be)	0-0.02 (ppm)
Bismuth(Bi)	0-0.02 (ppm)
Calcium(Ca)	0-0.2 (ppm)
Cadmium(Cd)	0-0.01 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Chromium(Cr)	0-0.01 (ppm)
Copper(Cu)	0-0.02 (ppm)
Iron(Fe)	0-0.1 (ppm)
Gallium(Ga)	0-0.02 (ppm)
Germanium (Ge)	0-0.02 (ppm)
Indium (In)	0-0.02 (ppm)
Potassium(K)	0-0.1 (ppm)
Lithium(Li)	0-0.01 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Magnesium (Mg)	0-0.1 (ppm)
Manganese(Mn)	0-0.03 (ppm)
Molybdenum(Mo)	0-0.02 (ppm)
Sodium(Na)	0-0.2 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Lead(Pb)	0-0.02 (ppm)
Platinum(Pt)	0-0.2 (ppm)
Tin(Sn)	0-0.1 (ppm)
Strontium(Sr)	0-0.02 (ppm)
Titanium(Ti)	0-0.02 (ppm)
Thallium(Tl)	0-0.02 (ppm)
Vanadium(V)	0-0.02 (ppm)
Zinc(Zn)	0-0.05 (ppm)
Zirconium(Zr)	0-0.02 (ppm)
Residue on ignition (as sulfate)	0-5 (ppm)