

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Hydrofluoric acid 48%**
Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure
SKU # **H485836**

Parameter	Limit Values
Assay(acidimetric)	48-51 (%)
Chloride (Cl-)	0-1 (ppm)
Hexafluorosilicate(SiF ₆)	0-50 (ppm)
Nitrate(NO ₃)	0-5 (ppm)
Phosphate(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)
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)
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)



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Parameter	Limit Values
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)