

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-22 09:31:35

Date of Next Testing: 2029-09-21 09:31:35

Product Name: **Hydrofluoric acid**

CAS Number: 7664-39-3

Grades & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure, ≥48%

Lot #: I2616827

SKU #: **H485836**

Version: **1**

Analysis #: **788110**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(acidimetric)	48-51 (%)	49.05000 %
Chloride (Cl ⁻)	0-1 (ppm)	0.20000 ppm
Hexafluorosilicate(SiF ₆)	0-50 (ppm)	0.00000 ppm
Nitrate(NO ₃)	0-5 (ppm)	0.00200 ppm
Phosphate(PO ₄)	0-0.5 (ppm)	0.25000 ppm
Sulfate and sulphite(as SO ₄)	0-5 (ppm)	2.00000 ppm
Heavy metals(as Pb)	0-0.5 (ppm)	0.00000 ppm
Silver(Ag)	0-0.02 (ppm)	0.00000 ppm
Aluminium(Al)	0-0.05 (ppm)	0.00000 ppm
Arsenic(As)	0-0.03 (ppm)	0.00000 ppm
Gold(Au)	0-0.1 (ppm)	0.00000 ppm
Boron(B)	0-0.05 (ppm)	0.00031 ppm
Barium(Ba)	0-0.01 (ppm)	0.00006 ppm
Beryllium(Be)	0-0.02 (ppm)	0.00000 ppm
Bismuth(Bi)	0-0.02 (ppm)	0.00001 ppm
Calcium(Ca)	0-0.2 (ppm)	0.00000 ppm
Cadmium(Cd)	0-0.01 (ppm)	0.00001 ppm
Cobalt(Co)	0-0.02 (ppm)	0.00003 ppm
Chromium(Cr)	0-0.01 (ppm)	0.00002 ppm
Copper(Cu)	0-0.02 (ppm)	0.00000 ppm
Iron(Fe)	0-0.1 (ppm)	0.00000 ppm
Gallium(Ga)	0-0.02 (ppm)	0.00000 ppm
Germanium (Ge)	0-0.02 (ppm)	0.00000 ppm
Indium(In)	0-0.02 (ppm)	0.00000 ppm
Potassium(K)	0-0.1 (ppm)	0.00000 ppm

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
Lithium(Li)	0-0.01 (ppm)	0.00000 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.00000 ppm
Manganese(Mn)	0-0.03 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-0.02 (ppm)	0.00000 ppm
Sodium(Na)	0-0.2 (ppm)	0.00000 ppm
Nickel(Ni)	0-0.02 (ppm)	0.00000 ppm
Lead(Pb)	0-0.02 (ppm)	0.00000 ppm
Platinum(Pt)	0-0.2 (ppm)	0.00000 ppm
Tin(Sn)	0-0.1 (ppm)	0.00000 ppm
Strontium(Sr)	0-0.02 (ppm)	0.00000 ppm
Titanium(Ti)	0-0.02 (ppm)	0.00000 ppm
Thallium(Tl)	0-0.02 (ppm)	0.00000 ppm
Vanadium(V)	0-0.02 (ppm)	0.00000 ppm
Zinc(Zn)	0-0.05 (ppm)	0.00000 ppm
Zirconium(Zr)	0-0.02 (ppm)	0.00000 ppm
Residue on ignition (as sulfate)	0-5 (ppm)	0.00000 ppm



John Su
QA & QC Manager