Fengyuan India Private Limited

The Quality Leaders

INDIA CHINA TAIWAN BANGLADESH

Hydrofluoric Acid (HF)

Product name: Hydrofluoric Acid	**CAS No.**: 7664-39-3
Molecular formula: HF	**Molecular weight**: 20.01 g/mol
UN No.: 1790	**Class:** 8 (6.1)
Grades: IN, SG, EL, UP, UPS, UPSS, UPSSS	**Country of Origin: China**

EL Grade

Test items	Unit	Specifications (EL grade)
Content	wt%	49
Color	Hazen	≤5.5
Fluorosilicate	ppm	≤100
Ignition residue	ppm	
Particles(≥1.0μm)	pcs/ml	≤25
Particles(≥0.5μm)	pcs/ml	≤100
Chloride	ppm	≤5
Nitrate	ppm	≤3
Phosphate	ppm	≤1
Sulfites and Sulfates	ppm	≤ 5
Lithium Li	ppb	≤20
Boron B	ppb	≤50
Beryllium Be	ppb	≤20
Sodium Na	ppb	≤100
Magnesium Mg	ppb	≤50
Aluminum Al	ppb	≤30
Potassium K	ppb	≤40
Calcium Ca	ppb	≤50
Titanium Ti	ppb	≤10
Chromium Cr	ppb	≤10
Manganese Mn	ppb	≤50
Iron Fe	ppb	≤100
Cobalt Co	ppb	≤50
Nickel Ni	ppb	≤50
Copper Cu	ppb	≤10
Zinc Zn	ppb	≤50

Hydrofluoric Acid (HF)

EL Grade

continued...

Gallium Ga	ppb	≤50
Arsenic As	ppb	≤100
Molybdenum Mo	ppb	≤100
Silver Ag	ppb	≤50
Cadmium Cd	ppb	≤50
Tin Sn	ppb	≤50
Barium Ba	ppb	≤50
Gold Au	ppb	≤50
Platinum Pt	ppb	≤50
Lead Pb	ppb	≤50
Bismuth Bi	ppb	≤50
Niobium Nb	ppb	≤50
Strontium Sr	ppb	≤50
Thallium Tl	ppb	≤50
Beryllium Be	ppb	≤50
Germanium Ge	ppb	≤50
Zirconium Zr	ppb	≤50
Vanadium V	ppb	≤10
Tantalum Ta	ppb	≤50
Antimony Sb	ppb	≤50

Uses:

1. Hydrofluoric acid has a variety of uses in industry and research.

2. It is used as a starting material or intermediate in industrial chemistry, mining, refining, glass finishing, silicon chip manufacturing, and in cleaning.

Packing: 1150 kg IBC.