

# Technical Datasheet

**Article no.: 2183**

**Hydrofluoric acid p.a., ACS, ISO (min. 48.0 %)**

HF

For laboratory use.

CAS no.: 7664-39-3  
Molar mass: 20.01 g/mol

Parameter	Value
Aluminium (Al)	max. 0.000005 %
Appearance/condition	Clear, colourless liquid
Arsenic (As)	max. 0.000005 %
Assay	min. 48.0 %
Barium (Ba)	max. 0.00001 %
Beryllium (Be)	max. 0.000002 %
Bismuth (Bi)	max. 0.00001 %
Cadmium (Cd)	max. 0.000001 %
Calcium (Ca)	max. 0.00005 %
Chloride (Cl)	max. 0.0001 %
Chromium (Cr)	max. 0.000002 %
Cobalt (Co)	max. 0.000002 %
Colour (APHA)	min. 10
Copper (Cu)	max. 0.000002 %
Germanium (Ge)	max. 0.000005 %
Hexafluorosilicate	max. 0.005 %
Iron (Fe)	max. 0.00002 %
Lead (Pb)	max. 0.000005 %

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Lithium (Li)	max. 0.000002 %
Magnesium (Mg)	max. 0.00002 %
Manganese (Mn)	max. 0.000005 %
Molybdenum (Mo)	max. 0.000005 %
Nickel (Ni)	max. 0.000002 %
Phosphate (PO <sub>4</sub> )	max. 0.00005 %
Potassium (K)	max. 0.00001 %
Silver (Ag)	max. 0.000002 %
Sodium (Na)	max. 0.00002 %
Strontium (Sr)	max. 0.000002 %
Sulfate (SO <sub>4</sub> )	max. 0.0002 %
Sulfated Ash	max. 0.005 %
Sulfite (SO <sub>3</sub> )	max. 0.0002 %
Thallium (Tl)	max. 0.000005 %
Titanium (Ti)	max. 0.00001 %
Vanadium (V)	max. 0.000005 %
Zinc (Zn)	max. 0.000005 %
Zirconium (Zr)	max. 0.00001 %

Version no. 1