

# IQ Hydrofluoric Acid MS Maximum Specifications

<b>SEASTAR™ Instrument Quality</b>	
Product Code	S010501
Assay (HF, w/w):	47 - 51%
Colour (APHA)	10
Analyte	Trace Impurities (in µg/g, ppm)
Chloride (Cl)	4
Total Phosphorus (P)	0.05
Total Sulphur (S)	0.1
Fluosilicic Acid (SiF <sub>6</sub> )	20
Analyte	Trace Impurities (in ng/g, ppb)
Aluminum (Al)	1
Antimony (Sb)	0.2
Arsenic (As)	0.5
Barium (Ba)	0.1
Beryllium (Be)	0.1
Bismuth (Bi)	0.1
Boron (B)	1
Cadmium (Cd)	0.1
Calcium (Ca)	1
Cerium (Ce)	0.1
Cesium (Cs)	0.1
Chromium (Cr)	1
Cobalt (Co)	0.1
Copper (Cu)	0.5
Dysprosium (Dy)	0.1
Erbium (Er)	0.1
Europium (Eu)	0.1
Gadolinium (Gd)	0.1
Gallium (Ga)	0.1
Germanium (Ge)	0.1
Gold (Au)	0.2
Hafnium (Hf)	0.1
Holmium (Ho)	0.1
Indium (In)	0.1
Iron (Fe)	1
Lanthanum (La)	0.1
Lead (Pb)	0.1
Lithium (Li)	0.1
Lutetium (Lu)	0.1
Magnesium (Mg)	1
Manganese (Mn)	0.1
Mercury (Hg)	1
Molybdenum (Mo)	0.1
Neodymium (Nd)	0.1
Nickel (Ni)	0.5
Niobium (Nb)	0.1
Palladium (Pd)	0.2
Platinum (Pt)	0.2
Potassium (K)	1
Praseodymium (Pr)	0.1
Rhenium (Re)	0.1
Rhodium (Rh)	0.1
Rubidium (Rb)	0.1
Ruthenium (Ru)	0.1
Samarium (Sm)	0.1
Scandium (Sc)	0.1
Selenium (Se)	1
Silver (Ag)	0.5
Sodium (Na)	1
Strontium (Sr)	0.1
Tantalum (Ta)	Information Only
Tellurium (Te)	0.1
Terbium (Tb)	0.1
Thallium (Tl)	0.1
Thorium (Th)	0.1
Thulium (Tm)	0.1
Tin (Sn)	0.5
Titanium (Ti)	1
Tungsten (W)	0.5
Uranium (U)	0.1
Vanadium (V)	0.1
Ytterbium (Yb)	0.1
Yttrium (Y)	0.1
Zinc (Zn)	1
Zirconium (Zr)	0.1