

IQ Hydrochloric Acid MS Maximum Specifications

SEASTAR™ Instrument Quality	
Product Code	S010401
Assay (HCl, w/w):	34 - 37%
Colour (APHA)	10
Analyte	Trace Impurities (in µg/g, ppm)
Bromide (Br)	10
Free Chlorine (Cl ₂)	0.5
Total Phosphorus (P)	0.01
Total Sulphur (S)	0.3
Analyte	Trace Impurities (in ng/g, ppb)
Aluminum (Al)	1
Antimony (Sb)	0.5
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)	0.5
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
Gold (Au)	0.5
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)	0.5
Manganese (Mn)	0.1
Mercury (Hg)	0.1
Molybdenum (Mo)	0.1
Neodymium (Nd)	0.1
Nickel (Ni)	0.5
Niobium (Nb)	0.1
Palladium (Pd)	Information Only
Platinum (Pt)	Information Only
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)	1
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)	0.5
Tungsten (W)	0.1
Uranium (U)	0.1
Vanadium (V)	0.5
Ytterbium (Yb)	0.1
Yttrium (Y)	0.1
Zinc (Zn)	1
Zirconium (Zr)	0.1