

Technical Datasheet

Article no.: 857

Hydrochloric acid superpure for trace analysis (34.0 – 37.0 % w/w)

HCl

For laboratory use.

Parameter	Value
Colour (APHA)	max. 10
Bromide (Br)	max. 10 ppm
Free chlorine (Cl ₂)	max. 0.5 ppm
Total phosphorus (P)	max. 0.01 ppm
Total sulphur (S)	max. 0.3 ppm
Aluminium (Al)	max. 1 ppb
Antimony (Sb)	max. 0.5 ppb
Arsenic (As)	max. 0.5 ppb
Barium (Ba)	max. 0.1 ppb
Beryllium (Be)	max. 0.1 ppb
Bismuth (Bi)	max. 0.1 ppb
Boron (B)	max. 1 ppb
Cadmium (Cd)	max. 0.1 ppb
Calcium (Ca)	max. 1 ppb
Cerium (Ce)	max. 0.1 ppb
Caesium (Cs)	max. 0.1 ppb
Chromium (Cr)	max. 0.5 ppb
Cobalt (Co)	max. 0.1 ppb
Copper (Cu)	max. 0.5 ppb
Dysprosium (Dy)	max. 0.1 ppb
Erbium (Er)	max. 0.1 ppb
Europium (Eu)	max. 0.1 ppb

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Gadolinium (Gd)	max. 0.1 ppb
Gallium (Ga)	max. 0.1 ppb
Gold (Au)	max. 0.5 ppb
Hafnium (Hf)	max. 0.1 ppb
Holmium (Ho)	max. 0.1 ppb
Indium (In)	max. 0.1 ppb
Iron (Fe)	max. 1 ppb
Lanthanum (La)	max. 0.1 ppb
Lead (Pb)	max. 0.1 ppb
Lithium (Li)	max. 0.1 ppb
Lutetium (Lu)	max. 0.1 ppb
Magnesium (Mg)	max. 0.5 ppb
Manganese (Mn)	max. 0.1 ppb
Mercury (Hg)	max. 0.1 ppb
Molybdenum (Mo)	max. 0.1 ppb
Neodymium (Nd)	max. 0.1 ppb
Nickel (Ni)	max. 0.5 ppb
Niobium (Nb)	max. 0.1 ppb
Potassium (K)	max. 1 ppb
Praseodymium (Pr)	max. 0.1 ppb
Rhenium (Re)	max. 0.1 ppb
Rhodium (Rh)	max. 0.1 ppb
Rubidium (Rb)	max. 0.1 ppb

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Ruthenium (Ru)	max. 0.1 ppb
Samarium (Sm)	max. 0.1 ppb
Scandium (Sc)	max. 0.1 ppb
Selenium (Se)	max. 1 ppb
Silver (Ag)	max. 1 ppb
Sodium (Na)	max. 1 ppb
Strontium (Sr)	max. 0.1 ppb
Tellurium (Te)	max. 0.1 ppb
Terbium (Tb)	max. 0.1 ppb
Thallium (Tl)	max. 0.1 ppb
Thorium (Th)	max. 0.1 ppb
Thulium (Tm)	max. 0.1 ppb
Tin (Sn)	max. 0.5 ppb
Titanium (Ti)	max. 0.5 ppb
Tungsten (W)	max. 0.1 ppb
Uranium (U)	max. 0.1 ppb
Vanadium (V)	max. 0.5 ppb
Ytterbium (Yb)	max. 0.1 ppb
Yttrium (Y)	max. 0.1 ppb
Zinc (Zn)	max. 1 ppb
Zirconium (Zr)	max. 0.1 ppb