

Specification

Formula Hill: HCl
Molar Mass: 36,46 g/mol
CAS N°: 7647-01-0

Print Date: 25 October 2021

123891 Hydrochloric acid fuming 37%, for analysis

	Specifications
Assay	36,5 - 38,0 %
Identity	conforms
Appearance	
Appearance	conforms
Color (Hazen)	≤ 10 APHA
Bromide (Br)	≤ 0,0050 %
Free chlorine	≤ 1 ppm
Phosphate (PO4)	≤ 0,5 ppm
Sulfate (SO4)	≤ 1 ppm
Sulfite (SO2)	≤ 1 ppm
Ammonium (NH4)	≤ 3 ppm
Heavy metals (as Pb)	≤ 1 ppm
Silver (Ag)	≤ 0,01 ppm
Aluminium (Al)	≤ 0,05 ppm
Arsenic (As)	≤ 0,01 ppm
Gold (Au)	≤ 0,05 ppm
Boron	≤ 0,1 ppm
Barium (Ba)	≤ 0,05 ppm
Beryllium (Be)	≤ 0,05 ppm
Bismuth (Bi)	≤ 0,02 ppm
Calcium (Ca)	≤ 0,3 ppm
Cadmium (Cd)	≤ 0,01 ppm
Cobalt (Co)	≤ 0,01 ppm
Chromium (Cr)	≤ 0,01 ppm
Copper (Cu)	≤ 0,02 ppm
Iron (Fe)	≤ 0,2 ppm
Gallium (Ga)	≤ 0,02 ppm
Germanium (Ge)	≤ 0,02 ppm
Potassium (K)	≤ 0,1 ppm
Lithium (Li)	≤ 0,01 ppm
Magnesium (Mg)	≤ 0,1 ppm

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Manganese (Mn)	≤ 0,01 ppm
Molybdenum (Mo)	≤ 0,02 ppm
Sodium (Na)	≤ 0,3 ppm
Nickel (Ni)	≤ 0,02 ppm
Lead (Pb)	≤ 0,02 ppm
Tin (Sn)	≤ 0,2 ppm
Strontium (Sr)	≤ 0,02 ppm
Thallium (Tl)	≤ 0,02 ppm
Vanadium (V)	≤ 0,01 ppm
Zinc (Zn)	≤ 0,1 ppm
Residue after ignition	≤ 5 ppm