

Hydrochloric Acid 3%, Semig

HCl FW. 36.46
 CAS-No. 7647-01-0
 Code SM1301

Density 1 L = 1.02 Kg.

Specifications

Assay (by acidimetry)	3%	min.
Appearance	Passes test	
Color (APHA)	10	max.
Residue after Ignition	3	ppm max.
Ammonium (NH ₄)	0.5	ppm max.
Free Chlorine (Cl)	0.5	ppm max.
Bromide (Br)	5	ppm max.
Phosphate (PO ₄)	0.05	ppm max.
Sulfate (SO ₄)	0.5	ppm max.
Sulfite (SO ₃)	0.5	ppm max.
Extractable Organic Substance	5	ppm max.
Heavy metals (as Pb)	0.1	ppm max.
Aluminium (Al)	0.2	ppm max.
Antimony (Sb)	0.005	ppm max.
Arsenic (As)	0.005	ppm max.
Boron (B)	0.1	ppm max.
Calcium (Ca)	0.2	ppm max.
Chromium (Cr)	0.1	ppm max.
Copper (Cu)	0.05	ppm max.
Gold (Au)	0.2	ppm max.
Iron (Fe)	0.1	ppm max.
Lead (Pb)	0.005	ppm max.
Magnesium (Mg)	0.3	ppm max.
Manganese (Mn)	0.2	ppm max.
Nickel (Ni)	0.03	ppm max.
Potassium (K)	0.3	ppm max.
Sodium (Na)	0.3	ppm max.
Tin (Sn)	0.1	ppm max.
Titanium (Ti)	0.1	ppm max.
Zinc (Zn)	0.01	ppm max.