

## Hydrochloric Acid 37%, Electropure

HCl	FW. 36.46	Density 1 L = 1.19	Kg.
CAS-No.	7647-01-0	Melting Point - 30	°C
Code	EP1107	Boiling Point 61	°C

### Specifications

Assay (by acidimetry)	36.5 - 38.0%
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	5 ppm max.
Free Chlorine (Cl)	0.5 ppm max.
Ammonium (NH <sub>4</sub> )	2 ppm max.
Bromide (Br)	10 ppm max.
Phosphate (PO <sub>4</sub> )	0.2 ppm max.
Sulfate (SO <sub>4</sub> )	0.5 ppm max.
Sulfite (SO <sub>3</sub> )	1 ppm max.
Aluminium (Al)	0.05 ppm max.
Antimony (Sb)	0.01 ppm max.
Arsenic (As)	0.01 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.01 ppm max.
Bismuth (Bi)	0.05 ppm max.
Boron (B)	0.05 ppm max.
Cadmium (Cd)	0.02 ppm max.
Calcium (Ca)	0.5 ppm max.
Chromium (Cr)	0.05 ppm max.
Cobalt (Co)	0.01 ppm max.
Copper (Cu)	0.05 ppm max.
Gallium (Ga)	0.02 ppm max.
Gold (Au)	0.05 ppm max.
Indium (In)	0.02 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.02 ppm max.
Lithium (Li)	0.02 ppm max.
Magnesium (Mg)	0.1 ppm max.
Manganese (Mn)	0.02 ppm max.
Molybdenum (Mo)	0.05 ppm max.
Nickel (Ni)	0.02 ppm max.
Platinum (Pt)	0.1 ppm max.
Potassium (K)	0.1 ppm max.
Silver (Ag)	0.02 ppm max.
Sodium (Na)	0.3 ppm max.
Strontium (Sr)	0.05 ppm max.
Thallium (Tl)	0.01 ppm max.
Tin (Sn)	0.05 ppm max.
Titanium (Ti)	0.1 ppm max.
Vanadium (V)	0.05 ppm max.
Zinc (Zn)	0.1 ppm max.
Zirconium (Zr)	0.05 ppm max.

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S-QC03-EP-A-H037 / RV.00 / Eff.date 01-11-12