

Hydrochloric Acid 37%, Pharma

HCl	FW. 36.46	Density 1 L = 1.19 Kg.
CAS-No.	7647-01-0	Melting Point - 30 °C
Code	BP1107	Boiling Point 51 °C

Specifications

(Meets Ph.Eur, USP/NF, JP, ACS)

Assay (by acidimetry)	37.0 - 38.0%
Appearance	Clear, colorless, fuming liquid
Appearance of solution	Clear and colorless
Identity	Passes test
Color (APHA)	10 max.
Solubility	Passes test
Residue on Evaporation	0.005% max.
Residue after Ignition	0.0005% max.
Bromide (Br)	50 ppm max.
Bromide or Iodide	Passes test
Ammonium (NH ₄)	3 ppm max.
Free Chlorine (Cl)	1 ppm max.
Free Bromine or Chlorine	Passes test
Sulfate (SO ₄)	1 ppm max.
Sulfite (SO ₃)	1 ppm max.
Extractable organic substances	5 ppm max.
Heavy metals (as Pb)	1.0 ppm max.
Arsenic (As)	0.01 ppm max.
Cadmium (Cd)	0.01 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.01 ppm max.
Mercury (Hg)	0.04 ppm max.
Zinc (Zn)	0.02 ppm max.

TN_30-01-2015

S-QC03-BP-A-H037 / RV.04 / Eff.date 08-06-23