

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%	min.
Appearance	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.