

Hydrochloric Acid 37%, AR.

HCl	FW. 36.46	Density 1 L = 1.19	Kg.
CAS-No.	7647-01-0	Melting Point - 30	°C
Code	AR1107	Boiling Point 61	°C

Specifications

Assay (by acidimetry)	37%	min.
Appearance	Passes test	
Color (APHA)	10	max.
Residue after Ignition	5.0	ppm max.
Ammonium (NH ₄)	3.0	ppm max.
Free Chlorine (Cl)	1.0	ppm max.
Bromide (Br)	1.0	ppm max.
Sulfate (SO ₄)	1.0	ppm max.
Sulfite (SO ₃)	1.0	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.
Zinc (Zn)	0.02	ppm max.

TN_26-08-2009

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