

**Hydrochloric Acid 36%, AR.**

HCl	FW. 36.46	Density 1 L = 1.18	Kg.
CAS-No.	7647-01-0	Melting Point - 30	°C
Code	AR1106	Boiling Point 61	°C

**Specifications**

Assay (by acidimetry)	36%	min.
Appearance	Passes test	
Color (APHA)	10	max.
Residue after Ignition	5.0	ppm max.
Ammonium (NH <sub>4</sub> )	3.0	ppm max.
Free Chlorine (Cl)	1.0	ppm max.
Bromide (Br)	1.0	ppm max.
Sulfate (SO <sub>4</sub> )	1.0	ppm max.
Sulfite (SO <sub>3</sub> )	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.

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S-QC03-AR-A-H036 / RV.00 / Eff.date 01-11-12