

**Hydrochloric Acid 32%, AR.**

HCl	FW. 36.46	Density 1 L = 1.16	Kg.
CAS-No.	7647-01-0	Melting Point - 40	°C
Code	AR1104	Boiling Point 85	°C

**Specifications**

Assay (by acidimetry)	32%	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.
Iron (Fe)	0.2	ppm max.

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S-QC03-AR-A-H032 / RV.00 / Eff.date 01-11-12