

# Technical Specification

**PRODUCT : HYDROCHLORIC ACID 32% RPE - ISO - For analysis**

**CODE : 403980**

**MOLECULAR WEIGHT :36,46**

**CAS N° : 7647-01-0**

**FORMULA : HCl**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density at 20°C	-	1.159 - 1.164
Residue on ignition	ppm	<= 5
Sulfite	ppm	<= 0.5
Sulfate	ppm	<= 0.8
Free chlorine	ppm	<= 4
Heavy metals (as Pb)	ppm	<= 1
Ammonium	ppm	<= 1
Bromide	ppm	<= 50
Phosphate	ppm	<= 0.5
Al	ppm	<= 0.05
As	ppm	<= 0.01
Ba	ppm	<= 0.1
Be	ppm	<= 0.02
Bi	ppm	<= 0.05
Ca	ppm	<= 0.5
Cd	ppm	<= 0.005
Co	ppm	<= 0.01
Cr	ppm	<= 0.02
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Hg	ppm	<= 0.1
Li	ppm	<= 0.05
Mg	ppm	<= 0.3
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 5
Ni	ppm	<= 0.02
Pb	ppm	<= 0.05
Sr	ppm	<= 0.02
Ti	ppm	<= 1
Tl	ppm	<= 0.05
V	ppm	<= 0.5
Zn	ppm	<= 0.5
Zr	ppm	<= 0.05
Assay (acidimetric)	%	32.0 - 33.0

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in