

# Technical Specification

**PRODUCT : HYDROCHLORIC ACID 37% RSE - For electronic use**

**CODE : 403970**

**MOLECULAR WEIGHT :36,46**

**CAS N° : 7647-01-0**

**FORMULA : HCl**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Assay (acidimetric)	%	>= 36.5
Density at 20°C	-	1.181 - 1.186
Ammonium	ppm	<= 1
Bromide	ppm	<= 10
Free chlorine	ppm	<= 0.5
Phosphate	ppm	<= 0.1
Heavy metals (as Pb)	ppm	<= 0.1
Residue on ignition	ppm	<= 2
Sulfate	ppm	<= 0.5
Sulfite	ppm	<= 0.5
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.005
Au	ppm	<= 0.05
B	ppm	<= 0.02
Ba	ppm	<= 0.05
Be	ppm	<= 0.02
Bi	ppm	<= 0.02
Ca	ppm	<= 0.5
Cd	ppm	<= 0.005
Co	ppm	<= 0.01
Cr	ppm	<= 0.01
Cu	ppm	<= 0.005
Fe	ppm	<= 0.1
Ga	ppm	<=0.02
Hg	ppm	<= 0.1
In	ppm	<=0.02
K	ppm	<=0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 0.5
Ni	ppm	<= 0.01
Pb	ppm	<= 0.05
Pt	ppm	<=0.05
Sb	ppm	<=0.005
Sn	ppm	<=0.02
Sr	ppm	<= 0.02
Ta	ppm	<=0.1
Ti	ppm	<= 0.05
Tl	ppm	<= 0.05

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

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V	ppm	≤ 0.05
Zn	ppm	≤ 0.02
Zr	ppm	≤ 0.05

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