

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



Carlo Erba Reagents S.A.S.
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Z.I DE VALDONNE - BP 4
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ISO 9001: 2015

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V	ppm	<= 0.05
Zn	ppm	<= 0.02
Zr	ppm	<= 0.05

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Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE
J. RICHARD (VDR)