

ISO 9001: 2015

Carlo Erba Reagents S.A.S. Parc d'Affaires des Portes Chaussée du Vexin - BP 616 27106 Val de Reuil Cedex Tél.:02.32.09.20.00 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4 13124 PEYPIN Tél.:04.42.32.41.41 Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l. Via R. Merendi, 22 20010 Cornaredo (Mi) Tel. 02 93 991 90 Fax 02 93 991 001

**Technical Specification** 

PRODUCT: HYDROCHLORIC ACID 37% RSE - For electronic use

CODE : 403970 **MOLECULAR WEIGHT: 36,46** 

CAS N° : 7647-01-0

FORMULA: HCI

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	
AI	ppm	<= 0.05	
As	ppm	<= 0.005	
Au		<= 0.05	
В	ppm	<= 0.02	
Ва	ppm	<= 0.02 <= 0.05	
Be	ppm	<= 0.03 <= 0.02	
Bi	ppm		
	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	
ln	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	
Та	ppm	<=0.1	
Ti	ppm	<= 0.05	
Π	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

Date: 26/03/2024



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EST	U.M.	SPECIFICATION	
1	ppm	<= 0.05	
n r	ppm	<= 0.02 <= 0.05	
ı	ppm	<= 0.05	

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