

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

NE - BP 4 Carlo Erba Reagents S.r.l. Via R. Merendi, 22 .41.41 20010 Cornaredo (Mi) 41.62 Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

Technical Specification

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

CODE : 403980 MOLECULAR WEIGHT :36,46

CAS N° : 7647-01-0

FORMULA: HCI

Description Colour Identification Density at 20°C Residue on ignition Sulfite Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	- A PHA ppm ppm ppm ppm ppm ppm ppm ppm ppm	Clear liquid <= 10 Positive 1.159 - 1.164 <= 5 <= 0.5 <= 0.8 <= 4 <= 1 <= 1	
Identification Density at 20°C Residue on ignition Sulfite Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	- ppm ppm ppm ppm ppm ppm ppm	Positive 1.159 - 1.164 <= 5 <= 0.5 <= 0.8 <= 4 <= 1	
Density at 20°C Residue on ignition Sulfite Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm ppm ppm ppm ppm ppm	1.159 - 1.164 <= 5 <= 0.5 <= 0.8 <= 4 <= 1	
Residue on ignition Sulfite Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm ppm ppm ppm ppm	<= 5 <= 0.5 <= 0.8 <= 4 <= 1	
Sulfite Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm ppm ppm ppm	<= 0.5 <= 0.8 <= 4 <= 1	
Sulfate Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm ppm ppm	<= 0.8 <= 4 <= 1	
Free chlorine Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm ppm	<= 4 <= 1	
Heavy metals (as Pb) Ammonium Bromide Phosphate AI As	ppm ppm ppm	<= 1	
Ammonium Bromide Phosphate AI As	ppm ppm		
Bromide Phosphate AI As	ppm	<= 1	
Phosphate AI As		* *	
AI As		<= 50	
As	ppm	<= 0.5	
	ppm	<= 0.05	
	ppm	<= 0.01	
Ва	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	
Ті	ppm	<= 1	
П	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

Date: 30/04/2024