

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: Hydrofluoric acid 50% RPE - For analysis - ACS - ISO

CODE : 405720

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	A PHA	<= 10
Identification	-	Positive
Density at 20°C	<u>-</u>	1.152 - 1.158
Hexafluorosilicic acid	ppm	<= 20
Chloride	ppm	<= 1
Phosphate	ppm	<= 0.5
Heavy metals (as Pb)	ppm	<= 0.5
Residue on ignition	ppm	<= 5
Subs. reducing KMnO4	ppm	<= 4
Sulfate	ppm	<= 2
Sulfite	ppm	<= 2
Ag	ppm	<= 0.02
Al	ppm	<= 0.02 <= 0.05
As	ppm	<= 0.05
Ba		<= 0.1
Be	ppm	<= 0.1 <= 0.02
Bi	ppm ppm	<= 0.02 <= 0.1
Ca		<= 0.1 <= 0.5
Cd	ppm	<= 0.5 <= 0.01
Co	ppm	<= 0.01 <= 0.02
Cr	ppm	<= 0.02 <= 0.05
Cu	ppm	<= 0.05 <= 0.02
Fe Cu	ppm	
	ppm	<= 0.2
K	ppm	<= 0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.2
Mn	ppm	<= 0.05
Mo	ppm	<= 0.05
Na	ppm	<= 0.5
Ni 	ppm	<= 0.05
Pb	ppm	<= 0.2
Sr	ppm	<= 0.02
Ті	ppm	<= 0.1
П	ppm	<= 0.05
V	ppm	<= 0.05
Zn	ppm	<= 0.05
Zr	ppm	<= 0.1
Assay (acidimetric)	%	49.0 - 51.0

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: 21/05/2024