

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

ISO 9001: 2015

Technical Specification

PRODUCT: ORTHOPHOSPHORIC ACID 85 % RSE - For electronic use

CODE : 406020 **MOLECULAR WEIGHT:98,0**

CAS N° : 7664-38-2

FORMULA: H3PO4

TEST	U.M.	SPECIFICATION	
Description	-	Clear liquid	
Colour	APHA	<= 10	
Identification	-	Positive	
Density at 20°C	-	1.689 - 1.701	
Assay (acidimetric)	%	85.0 - 87.0	
Ammonium	ppm	<= 0.5	
Chloride	ppm	<= 1	
Fluoride	ppm	<= 5	
Sulfate	ppm	<= 5	
Nitrate	ppm	<= 3	
Subs. reducing KMnO4	ppm	<= 10	
Heavy metals (as Pb)	ppm	<= 5	
Volatile acids	ppm	<= 3	
AI	ppm	<= 0.5	
As	ppm	<= 0.1	
Bi	ppm	<= 1	
Ca	ppm	<= 20	
Cd	ppm	<= 5	
Co	ppm	<= 1	
Cu	ppm	<= 2	
Ga	ppm	<= 0.1	
Fe	ppm	<= 5	
K	ppm	<= 5	
Li	ppm	<= 1	
Mg	ppm	<= 5	
Mn	ppm	<= 0.5	
Na	ppm	<= 30	
Ni	ppm	<= 3	
Pb	ppm	<= 1	
Sb	ppm	<= 4	
Sr Sr	ppm	<= 5	
Zn	ppm	<= 10	
	pp	ν- 10	

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: 16/01/2024