

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: Sulfuric acid 96% RS - For environmental analysis - ACS - Reag. Ph.Eur. - Reag. USP

CODE : 410260 **MOLECULAR WEIGHT:98,08**

CAS N° : 7664-93-9

FORMULA: H2SO4

Date: 29/11/2022

TEST	U.M.	SPECIFICATION	
Description	-	Clear oily liquid	
Colour	APHA	<= 10	
Colour solution 2N	APHA	<= 10	
Identification	-	Positive	
Density at 20°C	-	1.834 - 1.836	
Ammonium	ppm	<= 1	
Chloride	ppm	<= 0.1	
Phosphate	ppm	<= 0.5	
Heavy metals (as Pb)	ppm	<= 0.8	
Nitrate	ppm	<= 0.2	
Residue on ignition	ppm	<= 4	
Subs. reducing KMnO4	ppm	<= 2	
Ag	ppm	<= 0.02	
AĬ	ppm	<= 0.05	
As	ppm	<= 0.005	
Ва	ppm	<= 0.1	
Be	ppm	<= 0.02	
Bi	ppm	<= 0.02	
Ca	ppm	<= 0.2	
Cd	ppm	<= 0.005	
Co	ppm	<= 0.01	
Cr	ppm	<= 0.05	
Cu	ppm	<= 0.01	
Fe	ppm	<= 0.1	
Hg	ppm	<=0.005	
K	ppm	<= 0.1	
Li	ppm	<= 0.02	
Mg	ppm	<= 0.1	
Mn	ppm	<= 0.01	
Mo	ppm	<= 0.01	
Na	ppm	<= 0.5	
Ni	ppm	<= 0.02	
Pb	ppm	<= 0.02	
Se	ppm	<= 3	
Sr	ppm	<= 0.02	
Ti	ppm	<= 0.05	
π	ppm	<= 0.05	
V	ppm	<= 0.05	
Zn	ppm	<= 0.05	
Zr	ppm	<= 0.05	
Assay (acidimetric)	%	95.0 - 97.0	

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