

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

- BP 4 Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
1.41 20010 Cornaredo (Mi)
.62 Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

## **Technical Specification**

PRODUCT: Sulfuric acid 93-98% RS - Superpure - For trace analysis at ppb level

CODE : 410400 MOLECULAR WEIGHT :98,08

CAS N° : 7664-93-9

FORMULA: H2SO4

TEST	U.M.	SPECIFICATION	
Assay (H2SO4)	% (w/w)	93 - 98	
Colour	APHA	<= 10	
Chloride	ppm	<= 0.7	
Nitrate	ppm	<= 0.2	
Total phosphorus	ppm	<= 0.05	
Subs. reducing KMnO4	ppm	<= 20	
AI	ppb	<= 1	
Sb	ppb	<= 1	
As	ppb	<= 0.5	
Ва	ppb	<= 0.1	
Be Se	ppb	<= 0.1	
Зі	ppb	<= 0.1	
Cd	ppb	<= 0.5	
Ca	ppb	<= 1	
at 250 nm	AU		
Cs	ppb	<= 0.1	
Cr Cr	ppb	<= 0.5	
Co	ppb	<= 0.5	
Du	ppb	<= 0.5	
оч Оу	ppb	<= 0.1	
Er	ppb	<= 0.1	
Eu	ppb	<= 0.1 <= 0.1	
Gd	ppb	<= 0.1	
Ga	ppb	<= 0.1	
Ge	ppb	<= 1	
Au	ppb	<= 0.5	
⊣t	ppb	<= 0.3 <= 0.1	
Но		<= 0.1 <= 0.1	
In C	ppb	<= 0.1 <= 0.1	
-e	ppb	<= 0.1 <= 1	
	ppb	<= 1 <= 0.1	
La Pb	ppb	<= 0.1 <= 0.1	
	ppb		
Li 	ppb	<= 0.5	
Lu	ppb	<= 0.1	
Mg	ppb	<= 1	
Mn	ppb	<= 0.5	
Hg	ppb	<= 0.1	
Mo	ppb	<= 0.5	
Nd	ppb	<= 0.1	
Ni 	ppb	<= 0.5	
Nb	ppb	<= 0.1	
Pd	ppb	Information only	
Pt	ppb	Information only	
K	ppb	<= 1	
Pr	ppb	<= 0.1	

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: 03/01/2023



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TEST	U.M.	SPECIFICATION	
₹h	ppb	<= 0.5	
Rb	ppb	<= 0.5	
Sm .	ppb	<= 0.1	
Sc	ppb	<= 0.1	
Se	ppb	<= 10	
Ag	ppb	<= 1	
Na	ppb	<= 1	
Sr .	ppb	<= 0.5	
ā	ppb	Information only	
e	ppb	<= 0.1	
Ъ	ppb	<= 0.1	
1	ppb	<= 0.1	
'h	ppb	<= 0.1	
m	ppb	<= 0.1	
Sn	ppb	<= 1	
ī	ppb	<= 1	
V	ppb	<= 0.5	
J	ppb	<= 0.1	
/	ppb	<= 0.5	
<b>/</b> b	ppb	<= 0.1	
,	ppb	<= 0.1	
ľn	ppb	<= 1	
<u>Ir</u>	ppb	<= 0.5	

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