

# Technical Specification

**PRODUCT : Sulfuric acid 96% RS - For enviromental analysis - ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 410260**

**MOLECULAR WEIGHT :98,08**

**CAS N° : 7664-93-9**

**FORMULA : H2SO4**

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
Al	ppm	<= 0.05
As	ppm	<= 0.005
Ba	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
Tl	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