

## Certificate of Analysis

**Product : Sulfuric Acid**  
 Meets ACS specifications  
**CAS # 7664-93-9**  
**CHEMICAL FORMULA : H<sub>2</sub>SO<sub>4</sub>**

**Product Code : CP-A2555**  
**Lot:** 24011880  
**Density:** 1.8427 g/mL  
**F.W.** 98.08

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance	Colorless, free of suspended matter		Pass	n/a
Assay ( H <sub>2</sub> SO <sub>4</sub> )	95	98	96.0	%
Color ( APHA )		10	9	APHA
Residue after ignition		5	<5	ppm
Chloride ( Cl )		0.2	<0.2	ppm
Nitrate ( NO <sub>3</sub> )		0.5	<0.5	ppm
Ammonium ( NH <sub>4</sub> )		2	<2	ppm
Substances Reducing Permanganate		2	<2	ppm
Arsenic ( As )		0.01	<0.01	ppm
Heavy metals ( as Pb )		1	<1	ppm
Iron ( Fe )		0.2	<0.1	ppm
Mercury ( Hg )		5	<5	ppb
Date of Manufacture	01/18/2024			
Expiration Date	01/17/2027			

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

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