

# 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-Y2555P**  
**Lot:** 15CP1216  
**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> ) | 95.5                                | 97          | 96.40   | %     |
| Color ( APHA )                           |                                     | 10          | 5       | APHA  |
| Residue after ignition                   |                                     | 5           | <1      | ppm   |
| Chloride ( Cl )                          |                                     | 0.2         | <0.05   | ppm   |
| Nitrate ( NO <sub>3</sub> )              |                                     | 0.2         | <0.1    | ppm   |
| Heavy metals ( as Pb )                   |                                     | 1           | <0.1    | ppm   |
| Arsenic ( As )                           |                                     | 0.01        | <0.005  | ppm   |
| Substances Reducing Permanganate         |                                     | Passes Test | Pass    |       |
| Ammonium ( NH <sub>4</sub> )             |                                     | 2           | <1      | ppm   |
| Iron ( Fe )                              |                                     | 0.2         | <0.05   | ppm   |
| Mercury ( Hg )                           |                                     | 5           | <5      | ppb   |
| Date of Manufacture                      | 12/2025                             |             |         |       |
| Expiration Date                          | 12/2027                             |             |         |       |

Y= 14gal

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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