

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SULPHURIC ACID LR**

**CAS No : 7664-93-9**

**Mol. Formula : H<sub>2</sub>SO<sub>4</sub>**

**Mol. WT : 98.08**

**Date of Analysis : 05/12/24**

**Product code : 19240**

**Batch No : MCR-32554**

**Mfd. : Dec. 2024**

**Exp. : Nov. 2029**

| S. R | Test                                    | Specification                  | Observation                    |
|------|-----------------------------------------|--------------------------------|--------------------------------|
| 1    | Description                             | Clear, colourless oily liquid. | Clear, colourless oily liquid. |
| 2    | Assay(acidimetric)                      | 98 % w/w min                   | 98.14%w/w                      |
| 3    | Wt. per ml (at 20 <sup>0</sup> c)       | About 1.84 g                   | 1.84 g                         |
| 4    | Hydrochloric acid (HCl)                 | 0.0005% max                    | < 0.0005%                      |
| 5    | Nitric acid (HNO <sub>3</sub> )         | 0.001% max                     | < 0.001%                       |
| 6    | Lead ( Pb)                              | 0.002% max                     | < 0.002%                       |
| 7    | Arsenic (As)                            | 0.0002% max                    | < 0.0002%                      |
| 8    | Iron (Fe)                               | 0.002% max                     | < 0.002%                       |
| 9    | Substance Reducing<br>KMnO <sub>4</sub> | 0.02 ml N/1% max               | < 0.02 ml N/1%                 |
| 10   | Non volatile matter                     | 0.01% max                      | 0.008%                         |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sayli)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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