



## 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 : 08/01/24**

**Product code : 19240**

**Batch No : MCR-30111**

**Mfd. : Jan. 2024**

**Exp. : Dec. 2028**

| S. R | Test                                    | Specification                  | Observation                    |
|------|-----------------------------------------|--------------------------------|--------------------------------|
| 1    | Description                             | Clear, colourless oily liquid. | Clear, colourless oily liquid. |
| 2    | Assay(acidimetric)                      | 98 % w/w min                   | 98.43%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                      | 0.0008%                        |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**

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