



## **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 Analysis : 29/04/20**

**Product code : 19240**

**Batch No : MCR-21250**

**Mfd. : April 2020**

**Exp. : March 2025**

| S.R | Test                                 | Specification                  | Observation                    |
|-----|--------------------------------------|--------------------------------|--------------------------------|
| 1   | Description                          | Clear, colourless oily liquid. | Clear, colourless oily liquid. |
| 2   | Assay(acidimetric)                   | 98 % w/w min                   | 98.30%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 KMnO <sub>4</sub> | 0.02 ml N/1% max               | < 0.02 ml N/1%                 |
| 10  | Non volatile matter                  | 0.01% max                      | 0.006%                         |

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

**[Tested By]**

**[QC Incharge]**

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

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