



## **CERTIFICATE OF ANALYSIS**

Date : 18/09/18

PRODUCT NAME : SULPHURIC ACID LR

CAS No : 7664-93-9  
Mol. Formula :  $\text{H}_2\text{SO}_4$   
Mol. WT : 98.08  
Exp. : Aug. 2023

Product code : 19240  
Batch No : MCR-16931  
Mfd. : Sept. 2018

| S.R | Test                                 | Specification                  | Observation                    |
|-----|--------------------------------------|--------------------------------|--------------------------------|
| 1   | Description                          | Clear, colourless oily liquid. | Clear, colourless oily liquid. |
| 2   | Assay(acidimetric)                   | 98 % w/w min                   | 98.41%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                      | 0.007%                         |

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

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

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

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