



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETIC ACID FOR HPLC**

|                         |                             |                     |                    |
|-------------------------|-----------------------------|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 64-19-7</b>            | <b>Product code</b> | <b>: 40960</b>     |
| <b>Mol. Formula</b>     | <b>: CH<sub>3</sub>COOH</b> | <b>Batch No</b>     | <b>: MCR 17648</b> |
| <b>Mol. WT</b>          | <b>: 60.05</b>              | <b>Mfd.</b>         | <b>: Dec. 2018</b> |
| <b>Date of analysis</b> | <b>: 30/12/18</b>           | <b>Exp.</b>         | <b>: Nov. 2023</b> |

| S.R | Test  | Specification   | Observation   |
|-----|---|---|---|
| 1   | <b>Description</b>                                | A clear colourless liquid with a characteristic odour | A clear colourless liquid with a characteristic odour |
| 2   | <b>Minimum assay</b>                              | 99.8 %w/w min   | 99.91%  |
| 3   | <b>Non-volatile matter</b>                        | 0.001% max  | 0.0006%   |
| 4   | <b>Water</b>                                      | 0.05% max   | 0.04%   |
| 5   | <b>Substance reducing dichromate (O)</b>          | 0.003% max  | <0.003%   |
| 5   | <b>Minimum transmission ( 1 cm cell vs water)</b> |   |   |
|     | <b>254nm</b>                                      | 25%   | 29.382%   |
|     | <b>280nm</b>                                      | 95%   | 97.888%   |
|     | <b>300nm</b>                                      | 98%   | 98.364%   |

**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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