



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : ACETIC ACID GLACIAL**

**CAS No : 64-19-7**  
**Mol. Formula : CH<sub>3</sub>COOH**  
**Mol. WT : 60.05**  
**Date of analysis : 13/03/19**

**Product code : 11040**  
**Batch No : MCRT-18322**  
**Mfd. : March 2019**  
**Exp. : Feb. 2024**

| S.R | Test                       | Specification                                         | Observation                                           |
|-----|----------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1   | Description                | A clear colourless liquid with a characteristic odour | A clear colourless liquid with a characteristic odour |
| 2   | Assay (acidmetric)         | 99.5 %w/w min                                         | 99.89% w/w                                            |
| 3   | Wt. per ml at 20°C         | 1.047-1.052 g                                         | 1.048g                                                |
| 4   | Freezing Point             | Not Below 15.5°C                                      | 16.4°C                                                |
| 5   | Non volatile matter        | 0.01% max                                             | 0.0008%                                               |
| 6   | Chloride (Cl)              | 0.0005% max                                           | < 0.0005%                                             |
| 7   | Sulphate(SO <sub>4</sub> ) | 0.0005% max                                           | < 0.0005%                                             |
| 8   | Lead (Pb)                  | 0.0002% max                                           | < 0.0002%                                             |
| 9   | Iron (Fe)                  | 0.0002% max                                           | < 0.0002%                                             |
| 10  | Arsenic (As)               | 0.0002% max                                           | < 0.0002%                                             |

**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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