



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : HYDROFLUORIC ACID LR 40%**

**CAS No : 7664- 39- 3**

**Mol. Formula : HF**

**Mol. WT : 20.01**

**Date of analysis : 28/12/20**

**Product code : 14880**

**Batch No : MCR-22584**

**Mfd. : Dec. 2020**

**Exp. : Nov. 2025**

| S.R | Test                                    | Specification                                | Observation                                  |
|-----|-----------------------------------------|----------------------------------------------|----------------------------------------------|
| 1   | <b>Description</b>                      | A clear, colourless liquid with acid vapour. | A clear, colourless liquid with acid vapour. |
| 2   | <b>Assay (acidimetric)</b>              | 39 - 43%                                     | 39.79%                                       |
| 3   | <b>Wt. per ml at 20<sup>0</sup>C</b>    | about 1.13g                                  | 1.13g                                        |
| 4   | <b>Non-volatile matter</b>              | 0.04% max                                    | 0.02%                                        |
| 5   | <b>Fluorosilicate (SiF<sub>6</sub>)</b> | 0.1% max                                     | <0.1%                                        |
| 6   | <b>Sulphate (SO<sub>4</sub>)</b>        | 0.04% max                                    | <0.04%                                       |
| 7   | <b>Iron (Fe)</b>                        | 0.003% max                                   | <0.003%                                      |
| 8   | <b>Lead (Pb)</b>                        | 0.003% max                                   | <0.003%                                      |

**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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