



## **CERTIFICATE OF ANALYSIS**

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

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

**Mol. Formula : HF**

**Mol. WT : 20.01**

**Date of analysis : 02/02/21**

**Product code : 14880**

**Batch No : MCR-22787**

**Mfd. : Feb. 2021**

**Exp. : Jan. 2026**

| 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%                                     | 41.25%                                       |
| 3   | <b>Wt. per ml at 20<sup>0</sup>C</b>    | about 1.13g                                  | 1.132g                                       |
| 4   | <b>Non-volatile matter</b>              | 0.04% max                                    | 0.008%                                       |
| 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.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**