



## CERTIFICATE OF ANALYSIS

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

|                         |                    |                     |                     |
|-------------------------|--------------------|---------------------|---------------------|
| <b>CAS No</b>           | <b>: 7664-39-3</b> | <b>Product code</b> | <b>: 23560</b>      |
| <b>Mol. Formula</b>     | <b>: HF</b>        | <b>Batch No</b>     | <b>: MCAR-01132</b> |
| <b>Mol. WT</b>          | <b>: 20.01</b>     | <b>Mfd.</b>         | <b>: Jan. 2025</b>  |
| <b>Date of analysis</b> | <b>: 23/01/25</b>  | <b>Exp.</b>         | <b>: Dec. 2029</b>  |

| S.R | Test                               | Specification                                | Observation                                  |
|-----|------------------------------------|----------------------------------------------|----------------------------------------------|
| 1   | Description                        | A clear, colourless liquid with acid vapour. | A clear, colourless liquid with acid vapour. |
| 2   | Assay                              | 40% min.                                     | 41.08%                                       |
| 3   | Non-volatile matter                | 0.002% max.                                  | 0.001%                                       |
| 4   | Chloride (Cl)                      | 0.001% max.                                  | <0.001%                                      |
| 5   | Phosphate (PO <sub>4</sub> )       | 0.0005% max.                                 | <0.0005%                                     |
| 6   | Sulphate (SO <sub>4</sub> )        | 0.001% max.                                  | <0.001%                                      |
| 7   | Iron (Fe)                          | 0.0001% max.                                 | <0.0001%                                     |
| 8   | Lead (Pb)                          | 0.0001% max.                                 | <0.0001%                                     |
| 9   | Fluorosilicate (SiF <sub>6</sub> ) | 0.05% max.                                   | <0.05%                                       |

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

**[Tested By]**

**CHEMIST  
(Jyoti)**



**[QC Incharge]**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**

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