

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROFLUORIC ACID 48% AR**

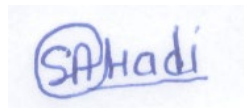
**CAS No** : 7664-39-3  
**Mol. Formula** : HF  
**Mol. WT** : 20.01  
**Date of analysis** : 16/08/24

**Product code** : 14885  
**Batch No** : MCR-31713  
**Mfd.** : Aug. 2024  
**Exp.** : July 2029

| 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</b>                            | 48% min.                                     | 48.53%                                       |
| 3   | <b>Non-volatile matter</b>              | 0.0005% max.                                 | 0.0002%                                      |
| 4   | <b>Chloride(Cl)</b>                     | 0.0005% max.                                 | <0.0005%                                     |
| 5   | <b>Fluorosilicate (SiF<sub>6</sub>)</b> | 0.005% max.                                  | <0.005%                                      |
| 6   | <b>Phosphate (PO<sub>4</sub>)</b>       | 0.0001% max.                                 | <0.0001%                                     |
| 7   | <b>Sulphate (SO<sub>4</sub>)</b>        | 0.0005% max.                                 | <0.0005%                                     |
| 8   | <b>Sulphite (SO<sub>3</sub>)</b>        | 0.0005% max.                                 | <0.0005%                                     |
| 9   | <b>Cadmium (Cd)</b>                     | 0.00001% max.                                | <0.00001%                                    |
| 10  | <b>Copper (Cu)</b>                      | 0.00001% max.                                | <0.00001%                                    |
| 11  | <b>Iron (Fe)</b>                        | 0.00005% max.                                | <0.00005%                                    |
| 12  | <b>Lead (Pb)</b>                        | 0.00005% max.                                | <0.00005%                                    |
| 13  | <b>Nickel (Ni)</b>                      | 0.00001% max.                                | <0.00001%                                    |
| 14  | <b>Zinc (Zn)</b>                        | 0.00001% max.                                | <0.00001%                                    |

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

**[Tested By]**



**CHEMIST  
(Sonu)**

**[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.