

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROCHLORIC ACID AR**

**CAS No : 7647-01-0**

**Mol. Formula : HCl**

**Mol. WT : 36.46**

**Date of analysis : 11/07/25**

**Product code : 23540**

**Batch No : MCAR-01830**

**Mfd. : July 2025**

**Exp. : June 2030**

| S.R | Test                        | Specification                     | Observation                       |
|-----|-----------------------------|-----------------------------------|-----------------------------------|
| 1   | Description                 | A clear colourless fuming liquid. | A clear colourless fuming liquid. |
| 2   | Assay (acidimetric)         | 35.8 - 36.5%                      | 36.38%                            |
| 3   | Non volatile matter         | 0.001% max                        | 0.0006%                           |
| 4   | Free Chlorine (Cl)          | 0.0002% max                       | < 0.0002%                         |
| 5   | Sulphate (SO <sub>4</sub> ) | 0.0005% max                       | < 0.0005%                         |
| 6   | Sulphite (SO <sub>3</sub> ) | 0.0001% max                       | < 0.0001%                         |
| 7   | Ammonium (NH <sub>4</sub> ) | 0.0003% max                       | < 0.0003%                         |
| 8   | Arsenic (As)                | 0.000002% max                     | < 0.000002%                       |
| 9   | Copper (Cu)                 | 0.00001% max                      | < 0.00001%                        |
| 10  | Iron (Fe)                   | 0.00004% max                      | < 0.00004%                        |
| 11  | Lead (Pb)                   | 0.00005% max                      | < 0.00005%                        |

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

**[Tested By]**



**CHEMIST  
(Akash)**



**[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.**