



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : HYDROCHLORIC ACID AR**

**CAS No** : 7647-01-0  
**Mol. Formula** : HCl  
**Mol. WT** : 36.46  
**Date of analysis** : 12/07/21

**Product code** : 23540  
**Batch No** : MCR-23749  
**Mfd.** : July 2021  
**Exp.** : June 2026

| S.R | Test                             | Specification                     | Observation                       |
|-----|----------------------------------|-----------------------------------|-----------------------------------|
| 1   | <b>Description</b>               | A clear colourless fuming liquid. | A clear colourless fuming liquid. |
| 2   | <b>Assay (acidimetric)</b>       | 35.8 - 36.5%                      | 36.30%                            |
| 3   | <b>Non volatile matter</b>       | 0.001% max                        | 0.0007%                           |
| 4   | <b>Free Chlorine (Cl)</b>        | 0.0002% max                       | < 0.0002%                         |
| 5   | <b>Sulphate (SO<sub>4</sub>)</b> | 0.0005% max                       | < 0.0005%                         |
| 6   | <b>Sulphite (SO<sub>3</sub>)</b> | 0.0001% max                       | < 0.0001%                         |
| 7   | <b>Ammonium (NH<sub>4</sub>)</b> | 0.0003% max                       | < 0.0003%                         |
| 8   | <b>Arsenic (As)</b>              | 0.000002% max                     | < 0.000002%                       |
| 9   | <b>Copper (Cu)</b>               | 0.00001% max                      | < 0.00001%                        |
| 10  | <b>Iron (Fe)</b>                 | 0.00004% max                      | < 0.00004%                        |
| 11  | <b>Lead (Pb)</b>                 | 0.00005% max                      | < 0.00005%                        |

**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**