



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : HYDROCHLORIC ACID LR**

**CAS No** : 7647-01-0  
**Mol. Formula** : HCl  
**Mol. WT** : 36.46  
**Date of analysis** : 23/03/2021

**Product code** : 14860  
**Batch No** : MCR-23087  
**Mfd.** : March 2021  
**Exp.** : Feb.2026

| S.R | Test                                             | Specification                     | Observation                       |
|-----|--------------------------------------------------|-----------------------------------|-----------------------------------|
| 1   | Description                                      | A clear colourless fuming liquid. | A clear colourless fuming liquid. |
| 2   | Assay (acidimetric)                              | 35 - 37 % w/w                     | 35.34 % w/w                       |
| 3   | Wt. per ml at 20°C                               | about 1.18g                       | 1.18g                             |
| 4   | Non volatile matter                              | 0.01% max                         | 0.006%                            |
| 5   | Free Chlorine (Cl)                               | 0.0005% max                       | < 0.0005%                         |
| 6   | Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> ) | 0.02% max                         | < 0.02%                           |
| 7   | Iron (Fe)                                        | 0.0005% max                       | < 0.0005 %                        |
| 8   | Lead (Pb)                                        | 0.0005% max                       | < 0.0005 %                        |

**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