



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : DICHLOROMETHANE AR**

**CAS No** : 75-09-2  
**Mol. Formula** : CH<sub>2</sub>Cl<sub>2</sub>  
**Mol. WT** : 84.93  
**Date of analysis** : 08/02/24

**Product code** : 22950  
**Batch No** : MCRT-30347  
**Mfd.** : Feb. 2024  
**Exp.** : Jan. 2029

| S.R | Test                                            | Specification                                                                      | Observation                                                                 |
|-----|-------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1   | Description                                     | A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU. | A clear, colourless liquid, with characteristic odor, APHA less than 10 HU. |
| 2   | Assay (GC)                                      | 99.5 % min                                                                         | 99.96%                                                                      |
| 3   | Wt. per ml (at 20 <sup>0</sup> c)               | 1.323-1.325 g                                                                      | 1.324g                                                                      |
| 4   | Refractive index (n) <sup>20</sup> <sub>D</sub> | 1.424-1.425                                                                        | 1.424                                                                       |
| 5   | Water (by KF)                                   | 0.05 % max                                                                         | 0.01%                                                                       |
| 6   | Acidity (HCl)                                   | 0.001 % max                                                                        | < 0.001 %                                                                   |
| 7   | Non Volatile Matter                             | 0.001% max                                                                         | 0.0003%                                                                     |
| 8   | Free chlorine (Cl)                              | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 9   | Formaldehyde (H.CHO)                            | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 10  | Copper (Cu)                                     | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 11  | Iron (Fe)                                       | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 12  | Lead (Pb)                                       | 0.0001 % max                                                                       | < 0.0001 %                                                                  |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Ruchi)**

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

**Note:** Computer generated image requires no sign.

**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.

•ISO 9001:2015•ISO 14001: 2015•BS OHSAS 18001: 2007•WHO-GMP Certified•NSIC Registered•MSME Registered•CAA Registered