

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CHLOROFORM AR**

**CAS No : 67-66-3**  
**Mol. Formula : CHCl<sub>3</sub>**  
**Mol. WT : 119.38**  
**Date of analysis : 27/09/23**

**Product code : 22620**  
**Batch No : MCRT-29349**  
**Mfd. : Sept. 2023**  
**Exp. : Aug. 2028**

| S.R | Test                                               | Specification                                                                      | Observation                                                                 |
|-----|----------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1   | <b>Description</b>                                 | 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   | <b>Assay (GC)</b>                                  | 99.8 % min                                                                         | 99.94%                                                                      |
| 3   | <b>Wt. per ml (at 20<sup>0</sup>c)</b>             | 1.474-1.479g                                                                       | 1.475g                                                                      |
| 4   | <b>Refractive index</b>                            | 1.444 – 1.445                                                                      | 1.444                                                                       |
| 5   | <b>Water</b>                                       | 0.05% max                                                                          | 0.01%                                                                       |
| 6   | <b>Acidity (HCl)</b>                               | 0.0005% max                                                                        | < 0.0005%                                                                   |
| 7   | <b>Non Volatile Matter</b>                         | 0.0005% max                                                                        | 0.0004%                                                                     |
| 8   | <b>Ionized chloride(Cl)</b>                        | 0.00002% max                                                                       | <0.00002%                                                                   |
| 9   | <b>Free chlorine(Cl)</b>                           | 0.0005% max                                                                        | < 0.0005%                                                                   |
| 10  | <b>Metallic impurities</b>                         | No reaction                                                                        | No reaction                                                                 |
| 11  | <b>Aldehydes &amp; Ketones (CH<sub>3</sub>CHO)</b> | 0.005% max                                                                         | < 0.005%                                                                    |
| 12  | <b>Organic impurities</b>                          | Passes Test                                                                        | Passes Test                                                                 |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Priti)**

**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.