



## **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 : 16/04/23**

**Product code : 22950**

**Batch No : MCRT-28101**

**Mfd. : April 2023**

**Exp. : March 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>                                    | 99.5 % min                                                                         | 99.92%                                                                      |
| 3   | <b>Wt. per ml (at 20°C)</b>                          | 1.323-1.325 g                                                                      | 1.325g                                                                      |
| 4   | <b>Refractive index (n)<sup>20</sup><sub>D</sub></b> | 1.424-1.425                                                                        | 1.424                                                                       |
| 5   | <b>Water (by KF)</b>                                 | 0.05 % max                                                                         | 0.005%                                                                      |
| 6   | <b>Acidity (HCl)</b>                                 | 0.001 % max                                                                        | < 0.001 %                                                                   |
| 7   | <b>Non Volatile Matter</b>                           | 0.001% max                                                                         | 0.0005 %                                                                    |
| 8   | <b>Free chlorine (Cl)</b>                            | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 9   | <b>Formaldehyde (H.CHO)</b>                          | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 10  | <b>Copper (Cu)</b>                                   | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 11  | <b>Iron (Fe)</b>                                     | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 12  | <b>Lead (Pb)</b>                                     | 0.0001 % max                                                                       | < 0.0001 %                                                                  |

**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.

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