



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TRICHLOROETHYLENE AR 99.5%**

|                         |                               |                     |                     |
|-------------------------|-------------------------------|---------------------|---------------------|
| <b>CAS No</b>           | <b>: 79-01-6</b>              | <b>Product code</b> | <b>: 26762</b>      |
| <b>Mol. Formula</b>     | <b>: CHCl:CCl<sub>2</sub></b> | <b>Batch No.</b>    | <b>: MCRT-28245</b> |
| <b>Mol. WT</b>          | <b>: 131.39</b>               | <b>Mfd.</b>         | <b>: May 2023</b>   |
| <b>Date of Analysis</b> | <b>: 10/05/23</b>             | <b>Exp.</b>         | <b>: April 2028</b> |

| S.R | Test                                       | Specification              | Observation                |
|-----|--|----------------------------|----------------------------|
| 1   | <b>Description</b>                         | A clear colourless liquid. | A clear colourless liquid. |
| 2   | <b>Assay (GC)</b>                          | 99.5 % min                 | 99.84%                     |
| 3   | <b>Wt.per ml (at20<sup>0</sup>c)</b>       | 1.462-1.466g               | 1.464g                     |
| 4   | <b>Refractive index at 20<sup>0</sup>C</b> | 1.477-1.478                | 1.477                      |
| 5   | <b>Acidity (as HCl)</b>                    | 0.001% max                 | <0.001%                    |
| 6   | <b>Alkalinity (NH<sub>3</sub>)</b>         | 0.0015% max                | <0.0015%                   |
| 7   | <b>Water</b>                               | 0.02% max                  | 0.018%                     |
| 8   | <b>Non volatile matter</b>                 | 0.001% max                 | 0.0008%                    |
| 9   | <b>Free chlorine</b>                       | 0.00003% max               | <0.00003%                  |
| 10  | <b>Chloride (Cl)</b>                       | 0.0005% max                | <0.0005%                   |
| 11  | <b>Copper (Cu)</b>                         | 0.0001% max                | <0.0001%                   |
| 12  | <b>Iron (Fe)</b>                           | 0.00005% max               | <0.00005%                  |
| 13  | <b>Lead (Pb)</b>                           | 0.0005% max                | <0.0005%                   |
| 14  | <b>Nickel (Ni)</b>                         | 0.00005% max               | <0.00005%                  |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priyanka)**

**HEAD-QUALITY ASSURANCE  
(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**