

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TETRACHLOROETHYLENE LR**  
(Perchloroethylene)

|                         |                                       |                     |             |
|-------------------------|---------------------------------------|---------------------|-------------|
| <b>CAS No</b>           | : 127-18-4                            | <b>Product code</b> | : 63020     |
| <b>Mol. Formula</b>     | : CCl <sub>2</sub> : CCl <sub>2</sub> | <b>Batch No</b>     | : MCR-29973 |
| <b>Mol. WT</b>          | : 165.85                              | <b>Mfd.</b>         | : Dec. 2023 |
| <b>Date of analysis</b> | : 18/12/23                            | <b>Exp.</b>         | : Nov. 2028 |

| S.R | Test                                                 | Specification                                          | Observation                                            |
|-----|------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| 1   | <b>Description</b>                                   | A clear colourless liquid with a characteristic odour. | A clear colourless liquid with a characteristic odour. |
| 2   | <b>Assay (GC)</b>                                    | 99 % min                                               | 99.99%                                                 |
| 3   | <b>Wt. per ml (at 20<sup>0</sup>c)</b>               | 1.621-1.623g                                           | 1.622g                                                 |
| 4   | <b>Refractive index (n)<sup>20</sup><sub>D</sub></b> | 1.505 – 1.506                                          | 1.505                                                  |
| 5   | <b>Non volatile matter</b>                           | 0.001% max                                             | 0.0008%                                                |
| 6   | <b>Free chlorine</b>                                 | 0.00003% max                                           | <0.00003%                                              |

**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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