

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TRIETHYLAMINE AR**

|                         |                                                   |                     |              |
|-------------------------|---------------------------------------------------|---------------------|--------------|
| <b>CAS No</b>           | : 121 - 44 - 8                                    | <b>Product code</b> | : 26765      |
| <b>Mol. Formula</b>     | : (C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> N | <b>Batch No.</b>    | : MCRT-28774 |
| <b>Mol. WT</b>          | : 101.19                                          | <b>Mfd.</b>         | : July 2023  |
| <b>Date of Analysis</b> | : 15/07/23                                        | <b>Exp.</b>         | : June 2028  |

| S.R | Test                                 | Specification                                           | Observation                                             |
|-----|--------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| 1   | <b>Description</b>                   | Clear, colourless liquid with a strong ammonical odour. | Clear, colourless liquid with a strong ammonical odour. |
| 2   | <b>Assay</b>                         | 99.5 % min.                                             | 99.74%                                                  |
| 3   | <b>Wt. per ml at 20<sup>o</sup>c</b> | 0.725-0.727g                                            | 0.726g                                                  |
| 4   | <b>Water</b>                         | 0.1% max.                                               | 0.08%                                                   |
| 5   | <b>Non-volatile matter</b>           | 0.01%max                                                | 0.004%                                                  |
| 6   | <b>Calcium (Ca)</b>                  | 0.00005%max                                             | <0.00005%                                               |
| 7   | <b>Cobalt (Co)</b>                   | 0.000002%max                                            | <0.000002%                                              |
| 8   | <b>Copper (Cu)</b>                   | 0.000002%max                                            | <0.000002%                                              |
| 9   | <b>Iron (Fe)</b>                     | 0.00002%max                                             | <0.00002%                                               |
| 10  | <b>Lead (Pb)</b>                     | 0.000002%max                                            | <0.000002%                                              |
| 11  | <b>Magnesium (Mg)</b>                | 0.000002%max                                            | <0.000002%                                              |
| 12  | <b>Manganese (Mn)</b>                | 0.000002%max                                            | <0.000002%                                              |
| 13  | <b>Nickel (Ni)</b>                   | 0.000002%max                                            | <0.000002%                                              |
| 14  | <b>Potassium (K)</b>                 | 0.000005%max                                            | <0.000005%                                              |
| 15  | <b>Sodium (Na)</b>                   | 0.00005%max                                             | <0.00005%                                               |
| 16  | <b>Strontium (Sr)</b>                | 0.000002%max                                            | <0.000002%                                              |
| 17  | <b>Zinc (Zn)</b>                     | 0.00001%max                                             | <0.00001%                                               |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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