

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHYL ACETATE AR**

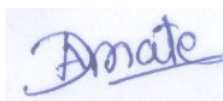
**CAS No : 141-78-6**  
**Mol. Formula : C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>**  
**Mol. WT : 88.11**  
**Date of analysis : 26/06/25**

**Product code : 23175**  
**Batch No : MCAR-01769**  
**Mfd. : June 2025**  
**Exp. : May 2030**

| S.R | Test                                               | Specification                                                                      | Observation                                                                 |
|-----|----------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1   | <b>Description</b>                                 | A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU | A clear colourless liquid with a characteristic odour. APHA less than 10 HU |
| 2   | <b>Assay (GC)</b>                                  | 99.0 % min                                                                         | 99.93%                                                                      |
| 3   | <b>Wt. per ml (at20<sup>0</sup>c)</b>              | 0.899-0.901g                                                                       | 0.899g                                                                      |
| 4   | <b>Refractive index n<sup>20</sup><sub>D</sub></b> | 1.372-1.373                                                                        | 1.373                                                                       |
| 5   | <b>Water(by KF)</b>                                | 0.05% max                                                                          | 0.02%                                                                       |
| 6   | <b>Acidity(CH<sub>3</sub>COOH)</b>                 | 0.005 % max                                                                        | < 0.005 %                                                                   |
| 7   | <b>Non Volatile Matter</b>                         | 0.001 % max                                                                        | 0.0004%                                                                     |
| 8   | <b>Copper(Cu)</b>                                  | 0.00005 % max                                                                      | < 0.00005 %                                                                 |
| 9   | <b>Iron(Fe)</b>                                    | 0.0001 % max                                                                       | < 0.0001 %                                                                  |
| 10  | <b>Lead(Pb)</b>                                    | 0.00005 % max                                                                      | < 0.00005 %                                                                 |
| 11  | <b>Organic Impurities</b>                          | Passes test                                                                        | Passes test                                                                 |

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

**[Tested By]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



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

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