



## **CERTIFICATE OF ANALYSIS**

**Date: 16/06/14**

**PRODUCT NAME : ETHYL ACETATE GR**

**CAS No : 141-78-6**  
**Mol. Formula : C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>**  
**Mol. WT : 88.11**

**Product code : 23175**  
**Batch No : MCRT-8317**  
**Mfd. : June 2014**

| <b>S. R</b> | <b>Test</b>                                          | <b>Specification</b> | <b>Observation</b> |
|-------------|------------------------------------------------------|----------------------|--------------------|
| 1           | <b>Assay (GC)</b>                                    | 99.0% min            | 99.97 %            |
| 2           | <b>Wt. per ml (at 20<sup>0</sup>c)</b>               | 0.899-0.901g         | 0.901 g            |
| 3           | <b>Refractive index (n<sup>20</sup><sub>D</sub>)</b> | 1.372-1.373          | 1.372              |
| 4           | <b>Water</b>                                         | 0.05%max             | 0.022%             |
| 5           | <b>Acidity(CH<sub>3</sub>COOH)</b>                   | 0.005% max           | < 0.005 %          |
| 6           | <b>Non Volatile Matter</b>                           | 0.001% max           | 0.0008%            |
| 7           | <b>Copper (Cu)</b>                                   | 0.00005% max         | < 0.00005%         |
| 8           | <b>Iron (Fe)</b>                                     | 0.0001% max          | < 0.0001%          |
| 9           | <b>Lead ( Pb)</b>                                    | 0.00005% max         | < 0.00005%         |
| 10          | <b>Organic impurities</b>                            | passes test          | passes test        |

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

**[Tested By]**

**[QC Incharge]**

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

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

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