



## **CERTIFICATE OF ANALYSIS**

Date: 13/02/13

PRODUCT NAME : ETHYL ACETATE GR

|              |                                                |              |             |
|--------------|------------------------------------------------|--------------|-------------|
| CAS No       | : 141-78-6                                     | Product code | : 23175     |
| Mol. Formula | : C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> | Batch No     | : MCRT-6335 |
| Mol. WT      | : 88.11                                        | Mfd.         | : Feb. 2013 |

| S. R | Test                                          | Specification | Observation |
|------|-----------------------------------------------|---------------|-------------|
| 1    | Assay (GC)                                    | 99.0 % min    | 99.99 %     |
| 2    | Wt.per ml (at20 <sup>0</sup> c)               | 0.899-0.901g  | 0.899g      |
| 3    | Refractive index n <sup>20</sup> <sub>D</sub> | 1.372-1.373   | 1.373       |
| 4    | Water(by KF)                                  | 0.05% max     | 0.011 %     |
| 5    | Acidity(CH <sub>3</sub> COOH)                 | 0.005 % max   | < 0.005 %   |
| 6    | Non Volatile Matter                           | 0.001 % max   | 0.0005 %    |
| 7    | Copper(Cu)                                    | 0.00005 % max | < 0.00005 % |
| 8    | Iron(Fe)                                      | 0.0001 % max  | < 0.0001 %  |
| 9    | Lead(Pb)                                      | 0.00005 % max | < 0.00005 % |
| 10   | Organic Impurities                            | 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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