

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ACETYL ACETONE AR**

|                         |                                                           |                     |              |
|-------------------------|-----------------------------------------------------------|---------------------|--------------|
| <b>CAS No</b>           | : 123-54-6                                                | <b>Product code</b> | : 21080      |
| <b>Mol. Formula</b>     | : CH <sub>3</sub> .CO.CH <sub>2</sub> .CO.CH <sub>3</sub> | <b>Batch No</b>     | : MCM-3570   |
| <b>Mol. WT</b>          | : 100.12                                                  | <b>Mfd.</b>         | : May 2020   |
| <b>Date of analysis</b> | : 12/05/20                                                | <b>Exp.</b>         | : April 2025 |

| S.R | Test                       | Specification                                   | Observation              |
|-----|----------------------------|-------------------------------------------------|--------------------------|
| 1   | <b>Description</b>         | Clear colourless to faint yellow colour liquid. | Clear colourless liquid. |
| 2   | <b>Assay (by GC)</b>       | 99.5% min.                                      | 99.88%                   |
| 3   | <b>Water</b>               | 0.05% max                                       | 0.03%                    |
| 4   | <b>Non volatile matter</b> | 0.005% max                                      | 0.002%                   |
| 5   | <b>Barium (Ba)</b>         | 0.00001% max                                    | <0.00001%                |
| 6   | <b>Calcium (Ca)</b>        | 0.00005% max                                    | <0.00005%                |
| 7   | <b>Chromium (Cr)</b>       | 0.000002% max                                   | <0.000002%               |
| 8   | <b>Cobalt (Co)</b>         | 0.00001% max                                    | <0.00001%                |
| 9   | <b>Copper (Cu)</b>         | 0.0001% max                                     | <0.0001%                 |
| 10  | <b>Iron (Fe)</b>           | 0.0001% max                                     | <0.0001%                 |
| 11  | <b>Lead (Pb)</b>           | 0.0001% max                                     | <0.0001%                 |
| 12  | <b>Magnesium (Mg)</b>      | 0.00001% max                                    | <0.00001%                |
| 13  | <b>Manganese (Mn)</b>      | 0.00001% max                                    | <0.00001%                |
| 14  | <b>Nickel (Ni)</b>         | 0.00001% max                                    | <0.00001%                |
| 15  | <b>Zinc (Zn)</b>           | 0.00001% max                                    | <0.00001%                |

**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.