

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BENZYL ALCOHOL HPLC**

**CAS No : 100-51-6**  
**Mol. Formula : C<sub>7</sub>H<sub>8</sub>O**  
**Mol. WT : 108.14**  
**Date of Analysis : 23/12/23**

**Product code : 41020**  
**Batch No : MCM-5978**  
**Mfd. : Dec. 2023**  
**Exp. : Nov. 2028**

| S.R | Test                                           | Specification                                                                          | Observation                                                                   |
|-----|------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1   | Description                                    | A clear colourless liquid.                                                             | A clear colourless liquid.                                                    |
| 2   | Assay (GC)                                     | 99.8% min                                                                              | 99.86%                                                                        |
| 3   | Wt. per ml at 20°C                             | 1.043 – 1.048g                                                                         | 1.046g                                                                        |
| 4   | Refractive index                               | 1.539 - 1.541                                                                          | 1.540                                                                         |
| 5   | Water ( by KF)                                 | 0.1%max                                                                                | 0.07%                                                                         |
| 6   | Benzaldehyde(by GC)                            | 0.05%max                                                                               | <0.05%                                                                        |
| 9   | Transmission in a 1.0 cm cell against water at | 310nm – 10%min<br>320nm – 50%min<br>345nm – 80%min<br>360nm – 90%min<br>370nm – 98%min | 10% - 74.68%<br>50% - 87.71%<br>80% - 95.26%<br>90% - 99.12%<br>98% - 100.38% |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Asmita)**

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

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

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