



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : CHLOROFORM HPLC**

**CAS No : 67-66-3**  
**Mol. Formula : CHCl<sub>3</sub>**  
**Mol. WT : 119.38**  
**Date of analysis : 27/08/22**

**Product code : 41050**  
**Batch No. : MCR-20028-02**  
**Mfd. : Aug. 2022**  
**Exp. : July 2027**

| S. R | Test                                                   | Specification           | Observation             |
|------|--------------------------------------------------------|-------------------------|-------------------------|
| 1    | Description                                            | Clear colourless liquid | Clear colourless liquid |
| 2    | Assay (GC)                                             | 99.8 % min              | 99.94%                  |
| 3    | Wt. per ml (at 20 <sup>0</sup> c)                      | 1.474-1.479 g           | 1.475 g                 |
| 4    | Water(by KF)                                           | 0.05% max               | 0.02%                   |
| 5    | Acidity(HCl)                                           | 0.0005%max              | < 0.0005 %              |
| 6    | Non Volatile matter                                    | 0.0005 % max            | 0.0004%                 |
| 7    | Minimum transmission (1.0 cm cell vs H <sub>2</sub> O) |                         |                         |
|      | 250 nm                                                 | 20% min                 | 28.6%                   |
|      | 260 nm                                                 | 60% min                 | 64.5%                   |
|      | 270 nm                                                 | 85% min                 | 89.8%                   |
|      | 280 nm                                                 | 92% min                 | 94.2%                   |
|      | 290 nm                                                 | 95% min                 | 96.8%                   |
|      | 300 nm                                                 | 97% min                 | 97.9%                   |

**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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