

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : METHANOL FOR HPLC**

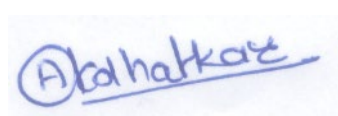
**CAS No** : 67-56-1  
**Mol. Formula** : CH<sub>3</sub>OH  
**Mol. WT** : 32.04  
**Date of analysis** : 06/06/24

**Product code** : 41040  
**Batch No** : MCR-31196  
**Mfd.** : June 2024  
**Exp.** : May 2029

| S.R | Test                                        | Specification                                                                                            | Observation                                                                                              |
|-----|---------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1   | <b>Description</b>                          | A clear colourless liquid.<br>APHA not more than 10<br>Hazen unit.                                       | A clear colourless liquid.<br>APHA less than 10<br>Hazen unit.                                           |
| 2   | <b>Assay (GC)</b>                           | 99.8 % min                                                                                               | 99.99%                                                                                                   |
| 3   | <b>Acidity (as CH<sub>3</sub>COOH)</b>      | 0.001% max                                                                                               | < 0.001%                                                                                                 |
| 4   | <b>Water(by KF)</b>                         | 0.05% max                                                                                                | 0.01%                                                                                                    |
| 5   | <b>Non Volatile Matter</b>                  | 0.0005% max                                                                                              | 0.0003%                                                                                                  |
| 6   | <b>Transmission<br/>(1cm cell Vs water)</b> | 210nm – 20%min<br>220nm – 50%min<br>230nm – 65%min<br>240nm – 85%min<br>250nm – 95%min<br>260nm – 98%min | 210nm – 35.36%<br>220nm – 63.79%<br>230nm – 81.64%<br>240nm – 91.98%<br>250nm – 97.00%<br>260nm – 99.16% |

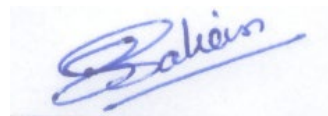
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Asmita)**

**[QC Incharge]**



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

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

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