

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TETRAHYDROFURAN FOR HPLC**

**CAS No : 109-99-9**

**Product code : 19345**

**Mol. Formula : C<sub>4</sub>H<sub>8</sub>O**

**Batch No : MCM-5941**

**Mol. WT : 72.11**

**Mfd. : Dec. 2023**

**Date of analysis : 07/12/23**

**Exp. : Nov. 2028**

| S. R | Test                                           | Specification                                            | Observation                                         |
|------|------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|
| 1    | <b>Description</b>                             | A clear, colourless liquid, APHA not greater than 10 HU. | A clear, colourless liquid, APHA less than 10 HU.   |
| 2    | <b>Assay (GC)</b>                              | 99.7% min                                                | 99.97%                                              |
| 3    | <b>Wt. per ml at 20°C</b>                      | 0.887 – 0.888g                                           | 0.887g                                              |
| 4    | <b>Non Volatile Matter</b>                     | 0.001% max                                               | 0.0008%                                             |
| 5    | <b>Peroxide(as H<sub>2</sub>O<sub>2</sub>)</b> | 0.02% max                                                | <0.02%                                              |
| 6    | <b>Acidity (as CH<sub>3</sub>COOH)</b>         | 0.001% max                                               | <0.001%                                             |
| 7    | <b>Water(by KF)</b>                            | 0.1% max                                                 | 0.03%                                               |
| 8    | <b>Transmission (1.0cm cell Vs water)</b>      | 245nm – 20%min<br>270nm – 80%min<br>310nm – 98%min       | 245nm – 58.09%<br>270nm – 88.47%<br>310nm – 100.14% |

**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.

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**