



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : TETRAHYDROFURAN FOR HPLC**

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

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

**Mol. WT : 72.11**

**Date of analysis : 28/05/19**

**Product code : 19345**

**Batch No : MCM-3139**

**Mfd. : May 2019**

**Exp. : April 2024**

| S. R | Test                                        | Specification                                            | Observation                                           |
|------|---------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| 1    | Description                                 | A clear, colourless liquid, APHA not greater than 10 HU. | A clear, colourless liquid, APHA less than 10 HU.     |
| 2    | Assay (GC)                                  | 99.7% min                                                | 99.92%                                                |
| 3    | Wt. per ml at 20 <sup>0</sup> C             | 0.887 – 0.888g                                           | 0.887 g                                               |
| 4    | Non Volatile Matter                         | 0.001% max                                               | 0.0005%                                               |
| 5    | Peroxide(as H <sub>2</sub> O <sub>2</sub> ) | 0.02% max                                                | <0.02%                                                |
| 6    | Acidity (as CH <sub>3</sub> COOH)           | 0.001% max                                               | <0.001%                                               |
| 7    | Water(by KF)                                | 0.1% max                                                 | 0.05%                                                 |
| 8    | Transmission<br>(1.0cm cell Vs water)       | 245nm – 20%min<br>270nm – 80%min<br>310nm – 98%min       | 245nm – 48.331%<br>270nm – 80.816%<br>310nm – 98.427% |

**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.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**