

## Certificate of Analysis

Date of Testing: 2025-02-27 16:35:26

Date of Next Testing: 2027-02-27 16:35:26

Product Name: **Tetrahydrofuran**

CAS Number: 109-99-9

Specifications & Purity: Chromatographic grade, UltraPureChrom™, ≥99.9%

Lot #: A2521309

SKU #: **T407518**

Version: **1**

Analysis #: **475463**

Storage Temperature: Protected from light, Argon charged

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                       | 0-0.05 (%)            | 0.01 %                |
| Ignition Residue                            | 0-0.0005 (%)          | 0.00 %                |
| Refractive index n <sub>20</sub> /D         | 1.405-1.409           | 1.41                  |
| UV Absorbance 212nm                         | 0-1                   | 0.40                  |
| UV Absorbance 245nm                         | 0-0.26                | 0.15                  |
| UV Absorbance 250nm                         | 0-0.18                | 0.12                  |
| UV Absorbance 275nm                         | 0-0.046               | 0.02                  |
| UV Absorbance 300nm                         | 0-0.02                | 0.00                  |
| UV Absorbance 315nm                         | 0-0.0044              | 0.00                  |
| UV Absorbance 350nm                         | 0-0.005               | 0.00                  |
| UV Absorbance 400nm                         | 0-0.005               | 0.00                  |
| free acid (as CH <sub>3</sub> COOH)         | 0-0.002 (%)           | 0.00 %                |
| Purity(GC)                                  | 99.9-100 (%)          | 99.99 %               |
| Peroxide(as H <sub>2</sub> O <sub>2</sub> ) | 0-0.05 (%)            | 0.01 %                |
| Appearance(T407518)                         | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                           | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager