

## Certificate of Analysis

Date of Testing: 2025-03-12 16:53:39

Date of Next Testing: 2027-03-02 16:53:39

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: Chromatographic grade, ≥99.9%

Lot #: A2503473

SKU #: **M116118**

Version: **3**

Analysis #: **482928**

| Parameter                           | Limit Values     | Result           |
|-------------------------------------|------------------|------------------|
| Fluorescence (quinine) at 365 nm    | 0-1 (ppb)        | 0.00 ppb         |
| Fluorescence (quinine) at 254 nm    | 0-1 (ppb)        | 0.00 ppb         |
| Purity(GC)                          | 99.9-100 (%)     | 99.92 %          |
| UV Absorbance 400nm                 | 0-0.01           | 0.00             |
| UV Absorbance 210nm                 | 0-0.6            | 0.36             |
| UV Absorbance 220nm                 | 0-0.3            | 0.15             |
| Water by Karl Fischer               | 0-0.03 (%)       | 0.00 %           |
| Evaporation Residue                 | 0-0.0005 (%)     | 0.00 %           |
| UV Absorbance 230nm                 | 0-0.2            | 0.07             |
| UV Absorbance 205nm                 | 0-1              | 0.76             |
| Color Test                          | 0-10 (APHA)      | 0.00 APHA        |
| UV Absorbance 280nm                 | 0- 0.01          | 0.00             |
| UV Absorbance 260nm                 | 0- 0.04          | 0.01             |
| UV Absorbance 240nm                 | 0- 0.10          | 0.03             |
| UV Absorbance 235nm                 | 0- 0.1           | 0.05             |
| Refractive index n <sub>20</sub> /D | 1.327-1.333      | 1.33             |
| Appearance (M116118)                | Colorless liquid | Colorless liquid |



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

John Su  
QA & QC Manager