

## Certificate of Analysis

Date of Testing: 2025-02-25 15:36:24

Date of Next Testing: 2029-02-24 15:36:24

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: Chromatography Plus Grade,  $\geq 99.9\%$

Lot #: B2521408

SKU #: **M116126**

Version: **1**

Analysis #: **472379**

| Parameter                                                          | Limit Values          | Result                |
|--------------------------------------------------------------------|-----------------------|-----------------------|
| UV Absorbance 250nm                                                | 0-0.02                | 0.01                  |
| Color Test                                                         | 0-10 (APHA)           | 0.00 APHA             |
| Titrateable Acid                                                   | 0-0.0003 (mg/g)       | 0.00 mg/g             |
| UV Absorbance 400nm                                                | 0-0.005               | 0.00                  |
| UV Absorbance 220nm                                                | 0-0.2                 | 0.14                  |
| Fluorescence (quinine) at 254 nm                                   | 0-1 (ppb)             | 0.00 ppb              |
| Fluorescence (quinine) at 365 nm                                   | 0-1 (ppb)             | 0.00 ppb              |
| Water by Karl Fischer                                              | 0-0.05 (%)            | 0.00 %                |
| UV Absorbance 210nm                                                | 0-0.8                 | 0.31                  |
| UV Absorbance 205nm                                                | 0-1                   | 0.61                  |
| UV Absorbance 230nm                                                | 0-0.1                 | 0.06                  |
| Residue on Evaporation                                             | 0-0.0001 (%)          | 0.00 %                |
| Titrateable Base                                                   | 0-0.0002 (mg/g)       | 0.00000 mg/g          |
| Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde | 0-0.001 (%)           | 0.00008 %             |
| HPLC Absorbance 254 nm                                             | 0-5 (mAU)             | 0.10 mAU              |
| HPLC Absorbance 230 nm                                             | 0-2 (mAU)             | 0.10 mAU              |
| Purity(GC)                                                         | 99.9-100 (%)          | 99.90 %               |
| Appearance (M116126)                                               | 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