

Certificate of Analysis

Date of Testing: 2023-06-13 16:25:42

Date of Next Testing: 2025-06-02 16:25:42

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: for HPLC, $\geq 99.9\%$

Lot #: F2308391

SKU #: **M116118**

Analysis: 228488

| Parameter | Limit Values | Result |
|----------------------------------|------------------|------------------|
| Purity(GC) | 99.9-100 (%) | 99.91% |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| UV Absorbance 210nm | 0-0.6 | 0.47 |
| UV Absorbance 220nm | 0-0.3 | 0.22 |
| Water by Karl Fischer | 0-0.03 (%) | 0.02% |
| Evaporation Residue | 0-0.0005 (%) | 0.00% |
| UV Absorbance 230nm | 0-0.2 | 0.11 |
| UV Absorbance 205nm | 0-1 | 0.90 |
| Fluorescence (quinine) at 365 nm | 0-1 (ppb) | 0.27 ppb |
| Fluorescence (quinine) at 254 nm | 0-1 (ppb) | 0.89 ppb |
| Color Test | 0-10 (APHA) | 3.40 APHA |
| UV Absorbance 280nm | 0- 0.01 | 0.00 |
| UV Absorbance 260nm | 0- 0.04 | 0.01 |
| UV Absorbance 240nm | 0- 0.10 | 0.05 |
| UV Absorbance 235nm | 0- 0.1 | 0.08 |
| 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