

Certificate of Analysis

Date of Testing: 2022-12-29 14:41:21
Date of Next Testing: 2024-12-18 14:41:21
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: K2214072
SKU #: **M116118**
Analysis: **172441**

| Parameter | Limit Values | Result |
|----------------------------------|------------------|------------------|
| Purity(GC) | 99.9-100 (%) | 100.00 % |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| UV Absorbance 210nm | 0-0.6 | 0.34 |
| 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 | 0.63 |
| Fluorescence (quinine) at 365 nm | 0-1 (ppb) | 0.60 ppb |
| Fluorescence (quinine) at 254 nm | 0-1 (ppb) | 0.50 ppb |
| Color Test | 0-10 (APHA) | 10.00 APHA |
| UV Absorbance 280nm | 0-0.01 | 0.00 |
| UV Absorbance 260nm | 0-0.04 | 0.00 |
| UV Absorbance 240nm | 0-0.10 | 0.03 |
| UV Absorbance 235nm | 0- 0.1 | 0.04 |
| Appearance (M116118) | Colorless liquid | Colorless liquid |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager