

Certificate of Analysis

Date of Testing: 2024-03-04 17:22:15
Date of Next Testing: 2026-02-22 17:22:15
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: A2417018
SKU #: **M116118**
Analysis: **324740**

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.44 ppb
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.32 ppb
Purity(GC)	99.9-100 (%)	99.93 %
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 210nm	0-0.6	0.12
UV Absorbance 220nm	0-0.3	0.06
Water by Karl Fischer	0-0.03 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
UV Absorbance 230nm	0-0.2	0.03
UV Absorbance 205nm	0-1	0.38
Color Test	0-10 (APHA)	1.20 APHA
UV Absorbance 280nm	0- 0.01	0.00
UV Absorbance 260nm	0- 0.04	0.00
UV Absorbance 240nm	0- 0.10	0.01
UV Absorbance 235nm	0- 0.1	0.02
Refractive index n ₂₀ /D	1.327-1.333	1.33
Appearance (M116118)	Colorless liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager