

## Certificate of Analysis

Date of Testing: 2023-10-10 09:05:15  
 Date of Next Testing: 2025-09-29 09:05:15  
 Product Name: **Methanol**  
 CAS Number: 67-56-1  
 Specifications & Purity: for HPLC,  $\geq 99.9\%$   
 Lot #: I2305343  
 SKU #: **M116118**  
 Analysis: **281833**

Parameter	Limit Values	Result
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.07 ppb
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.66 ppb
Purity(GC)	99.9-100 (%)	99.98 %
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 210nm	0-0.6	0.35
UV Absorbance 220nm	0-0.3	0.14
Water by Karl Fischer	0-0.03 (%)	0.00 %
Evaporation Residue	0-0.0005 (%)	0.00 %
UV Absorbance 230nm	0-0.2	0.06
UV Absorbance 205nm	0-1	0.75
Color Test	0-10 (APHA)	0.00 APHA
UV Absorbance 280nm	0- 0.01	0.00
UV Absorbance 260nm	0- 0.04	0.00
UV Absorbance 240nm	0- 0.10	0.02
UV Absorbance 235nm	0- 0.1	0.04
Refractive index n <sub>20</sub> /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