

## Certificate of Analysis

Date of Testing: 2022-03-24 10:36:05  
Date of Next Testing: 2026-03-23 10:36:05  
Product Name: **Methanol**  
CAS Number: 67-56-1  
Specifications & Purity: Plus, for HPLC,  $\geq 99.9\%$   
Lot #: C2223076  
SKU #: **M116126**  
Analysis: **085029**

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.02
HPLC Absorbance 254 nm	0-5 (mAU)	0.35 mAU
Color Test	0-10 (APHA)	8.00 APHA
Titration Acid	0-0.0003 (mg/g)	0.00 mg/g
UV Absorbance 400nm	0-0.005	0.00
Titration Base	0-0.0002 (mg)	0.00 mg
Purity(GC)	99.9-100 (%)	99.98 %
UV Absorbance 220nm	0-0.2	0.16
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.90 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.50 ppb
Evaporation Residue	0-0.0001 (mg/L)	0.00 mg/L
Water by Karl Fischer	0-0.05 (%)	0.03 %
HPLC Absorbance 230 nm	0-2 (mAU)	1.75 mAU
UV Absorbance 210nm	0-0.8	0.61
Carbonyl compounds(CO)	0-0.001 (%)	0.00 %
UV Absorbance 205nm	0-1	0.81
UV Absorbance 230nm	0-0.1	0.05
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