

## Certificate of Analysis

Date of Testing: 2023-04-26 16:48:04  
 Date of Next Testing: 2027-04-25 16:48:04  
 Product Name: **Methanol**  
 CAS Number: 67-56-1  
 Specifications & Purity: Plus, for HPLC,  $\geq 99.9\%$   
 Lot #: D23211522  
 SKU #: **M116126**  
**Analysis: 216114**

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.00
HPLC Absorbance 254 nm	0-5 (mAU)	0.10 mAU
Color Test	0-10 (APHA)	8.00 APHA
Titrate Acid	0-0.0003 (mg/g)	0.00 mg/g
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.99%
UV Absorbance 220nm	0-0.2	0.15
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.79 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.89 ppb
Water by Karl Fischer	0-0.05 (%)	0.00%
HPLC Absorbance 230 nm	0-2 (mAU)	0.07 mAU
UV Absorbance 210nm	0-0.8	0.50
UV Absorbance 205nm	0-1	0.60
UV Absorbance 230nm	0-0.1	0.07
Residue on Evaporation	0-0.0001 (%)	0.00%
Titrate Base	0-0.0002 (mg/g)	0.00000 mg/g
Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde	0-0.001 (%)	0.00000%
Appearance (M116126)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager