

Certificate of Analysis

Date of Testing: 2022-02-16 09:29:46
 Date of Next Testing: 2026-02-15 09:29:46
 Product Name: **Methanol**
 CAS Number: 67-56-1
 Specifications & Purity: Plus, for HPLC, $\geq 99.9\%$
 Lot #: B2212128
 SKU #: **M116126**
Analysis: 074233

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.01
HPLC Absorbance 254 nm	0-5 (mAU)	4.25 mAU
Color Test	0-10 (APHA)	8.14 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 (%)	99.99%
UV Absorbance 220nm	0-0.2	0.01
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.25 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.65 ppb
Evaporation Residue	0-0.0001 (mg/L)	0.00 mg/L
Water by Karl Fischer	0-0.05 (%)	0.01%
HPLC Absorbance 230 nm	0-2 (mAU)	1.84 mAU
UV Absorbance 210nm	0-0.8	0.52
Carbonyl compounds(CO)	0-0.001 (%)	0.00%
UV Absorbance 205nm	0-1	0.56
UV Absorbance 230nm	0-0.1	0.05
Appearance (M116126)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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