

Certificate of Analysis

Date of Testing:	2025-07-14 16:32:40
Date of Next Testing:	2029-07-13 16:32:40
Product Name:	Methanol
CAS Number:	67-56-1
Specifications & Purity:	Chromatography Plus Grade, ≥99.9%
Lot #:	G2503338
SKU #	M116126
Version	1
Analysis #:	525030

Parameter	Limit Values	Result
Absorbance (at 250 nm)	0-0.02	0.01
Color Test	0-10 (APHA)	0.00 APHA
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.91 %
UV Absorbance 220nm	0-0.2	0.19
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.68 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.60 ppb
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 210nm	0-0.8	0.42
UV Absorbance 205nm	0-1	0.80
UV Absorbance 230nm	0-0.1	0.09
Residue on Evaporation	0-0.0001 (%)	0.00 %
Titrateable Base	0-0.0002 (mg/g)	0.00000 mg/g
Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde	0-0.001 (%)	0.00020 %
Titrateable Acid	0-0.0003 (mg/g)	0.00 mg/g
HPLC Absorbance 230 nm	0-2 (mAU)	0.54 mAU
HPLC Absorbance 254 nm	0-5 (mAU)	0.28 mAU
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".

John Su
QA & QC Manager