

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-09-05 12:24:37
Date of Next Testing: 2026-09-04 12:24:37
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: Plus, for HPLC, ≥99.9%
Lot #: I2201729
SKU #: **M116126**
Analysis: **131445**

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.01600
HPLC Absorbance 254 nm	0-5 (mAU)	1.00000 mAU
Color Test	0-10 (APHA)	8.00000 APHA
Titrate Acid	0-0.0003 (mg/g)	0.00010 mg/g
UV Absorbance 400nm	0-0.005	0.00200
Purity(GC)	99.9-100 (%)	99.99000 %
UV Absorbance 220nm	0-0.2	0.16900
Fluorescence (quinine) at 254 nm	0-1 (ppb)	1.00000 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	1.00000 ppb
Water by Karl Fischer	0-0.05 (%)	0.02500 %
HPLC Absorbance 230 nm	0-2 (mAU)	2.00000 mAU
UV Absorbance 210nm	0-0.8	0.69900
UV Absorbance 205nm	0-1	0.83000
UV Absorbance 230nm	0-0.1	0.10000
Residue on Evaporation	0-0.0001 (%)	0.00000 %
Titrate Base	0-0.0002 (mg/g)	0.00000 mg/g
Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde	0-0.001 (%)	0.00050 %
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". The script is fluid and cursive.

John Su
QA & QC Manager