

Certificate of Analysis

Date of Testing:	2024-08-10 16:36:11
Date of Next Testing:	2028-08-09 16:36:11
Product Name:	Methanol
CAS Number:	67-56-1
Specifications & Purity:	Plus, for HPLC, $\geq 99.9\%$
Lot #:	H2406619
SKU #	M116126
Version	1
Analysis #:	392708

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.00
Color Test	0-10 (APHA)	0.00 APHA
Titration Acid	0-0.0003 (mg/g)	0.00 mg/g
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.93%
UV Absorbance 220nm	0-0.2	0.05
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.24 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.00 ppb
Water by Karl Fischer	0-0.05 (%)	0.00%
UV Absorbance 210nm	0-0.8	0.20
UV Absorbance 205nm	0-1	0.62
UV Absorbance 230nm	0-0.1	0.02
Residue on Evaporation	0-0.0001 (%)	0.00%
Titration Base	0-0.0002 (mg/g)	0.00000 mg/g
Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde	0-0.001 (%)	0.00023%
HPLC Absorbance 230 nm	0-2 (mAU)	0.10 mAU
HPLC Absorbance 254 nm	0-5 (mAU)	0.10 mAU
Appearance (M116126)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager