

Certificate of Analysis

Date of Testing: 2024-05-06 13:29:15
 Date of Next Testing: 2028-05-05 13:29:15
 Product Name: **Methanol**
 CAS Number: 67-56-1
 Specifications & Purity: Plus, for HPLC, $\geq 99.9\%$
 Lot #: D2426201
 SKU #: **M116126**
 Analysis: **343438**

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.00
Color Test	0-10 (APHA)	0.00 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 (%)	99.96 %
UV Absorbance 220nm	0-0.2	0.07
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.66 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.13 ppb
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 210nm	0-0.8	0.22
UV Absorbance 205nm	0-1	0.61
UV Absorbance 230nm	0-0.1	0.03
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 (%)	0.00032 %
HPLC Absorbance 254 nm	0-5 (mAU)	0.14 mAU
HPLC Absorbance 230 nm	0-2 (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".

John Su
QA & QC Manager