

Certificate of Analysis

Date of Testing: 2023-02-01 16:48:21
 Date of Next Testing: 2027-01-31 16:48:21
 Product Name: **Methanol**
 CAS Number: 67-56-1
 Specifications & Purity: Plus, for HPLC, $\geq 99.9\%$
 Lot #: A2330069
 SKU #: **M116126**
Analysis: 181645

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.01
HPLC Absorbance 254 nm	0-5 (mAU)	1.00 mAU
Color Test	0-10 (APHA)	6.00 APHA
Titrateable Acid	0-0.0003 (mg/g)	0.00 mg/g
UV Absorbance 400nm	0-0.005	0.00
Purity(GC)	99.9-100 (%)	99.99%
UV Absorbance 220nm	0-0.2	0.06
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.07 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.08 ppb
Water by Karl Fischer	0-0.05 (%)	0.01%
HPLC Absorbance 230 nm	0-2 (mAU)	1.86 mAU
UV Absorbance 210nm	0-0.8	0.00
UV Absorbance 205nm	0-1	0.06
UV Absorbance 230nm	0-0.1	0.08
Residue on Evaporation	0-0.0001 (%)	0.00%
Titrateable Base	0-0.0002 (mg/g)	0.00010 mg/g
Carbonyl (maximum) each of acetone, formaldehyde, and acetaldehyde	0-0.001 (%)	0.00000%
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