

## Certificate of Analysis

Date of Testing:	2023-01-31 16:43:26
Date of Next Testing:	2027-01-30 16:43:26
Product Name:	<b>Methanol</b>
CAS Number:	67-56-1
Specifications & Purity:	Plus, for HPLC, $\geq 99.9\%$
Lot #:	A2330787
SKU #	<b>M116126</b>
<b>Analysis:</b>	<b>181341</b>

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.02	0.01
HPLC Absorbance 254 nm	0-5 (mAU)	3.00 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 (%)	99.90%
UV Absorbance 220nm	0-0.2	0.12
Fluorescence (quinine) at 254 nm	0-1 (ppb)	0.63 ppb
Fluorescence (quinine) at 365 nm	0-1 (ppb)	0.29 ppb
Water by Karl Fischer	0-0.05 (%)	0.00%
HPLC Absorbance 230 nm	0-2 (mAU)	0.86 mAU
UV Absorbance 210nm	0-0.8	0.33
UV Absorbance 205nm	0-1	0.06
UV Absorbance 230nm	0-0.1	0.04
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



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

John Su  
QA & QC Manager