

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

Certificate of Analysis

Date of Testing: 2024-09-13 14:19:09
Date of Next Testing: 2027-09-13 14:19:09
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: UHPLC, suitable for mass spectrometry (MS)
Lot #: I2412593
SKU #: **M433268**
Version: **1**
Analysis #: **403106**

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.007	0.00300
UV Absorbance 230nm	0-0.1	0.06300
UV Absorbance 220nm	0-0.3	0.13700
UV Absorbance 210nm	0-0.5	0.34300
UV Absorbance 205nm	0-1	0.79200
Water by Karl Fischer	0-0.02 (%)	0.00740 %
Residue on Evaporation	0-0.0005 (%)	0.00000 %
Purity(GC)	99.92-100 (%)	99.92000 %
Free Acid (as Formic Acid)	0-0.001 (%)	0.00000 %
Alkalinity (as NH3)	0-0.0005 (%)	0.00000 %
Fluorescence 254nm(as Quinine)	0-1 (ppb)	0.45690 ppb
Fluorescence 365nm(as Quinine)	0-1 (ppb)	0.02340 ppb
Aluminum(Al)	0-50 (ppb)	0.00000 ppb
Cadmium(Cd)	0-50 (ppb)	0.00000 ppb
Calcium(Ca)	0-50 (ppb)	0.00000 ppb
Chromium(Cr)	0-15 (ppb)	0.00000 ppb
Cobalt(Co)	0-15 (ppb)	0.00000 ppb
Copper(Cu)	0-10 (ppb)	0.00000 ppb
Iron(Fe)	0-50 (ppb)	0.00000 ppb
Magnesium(Mg)	0-50 (ppb)	0.00000 ppb
Manganese(Mn)	0-10 (ppb)	0.00000 ppb
Silver (Ag)	0-50 (ppb)	0.00000 ppb
Sn (Tin)	0-50 (ppb)	0.00000 ppb
Zinc(Zn)	0-50 (ppb)	0.00000 ppb
HPLC Absorbance 230 nm(Abs UN)	0-0.002	0.00200
HPLC Absorbance 254 nm(Abs UN)	0-0.001	0.00100

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Parameter	Limit Values	Result
Potassium(K)	0-50 (ppb)	0.00000 ppb
Sodium(Na)	0-50 (ppb)	0.00000 ppb
Appearance(M433268)	Clear Colorless Liquid	Clear Colorless Liquid
Infrared spectrum	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager