

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-07-04 17:39:46

Date of Next Testing: 2029-07-03 17:39:46

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: Suitable for HPLC, gradient grade, European Pharmacopoeia

Lot #: F2630158

SKU #: **S52878**

Version: **0**

Analysis #: **738047**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.90400 %
Evaporation Residue	0-2 (mg/L)	0.00000 mg/L
Water by Karl Fischer	0-0.02 (%)	0.00390 %
Density (d20°C/20°C)	0.791-0.793	0.79240
Boiling point	64-65 (°C)	64.50000 °C
Acidity	0-0.0002 (meq/g)	0.00000 meq/g
Gradient grade (at 235 nm)	0-2 (mAU)	0.39000 mAU
Gradient grade (at 254 nm)	0-1 (mAU)	0.43000 mAU
Color test (APHA)	0-10	0.00000
Alkalinity	0-0.0002 (meq/g)	0.00000 meq/g
Fluorescence (as quinine at 254nm)	0-1 (ppb)	0.19964 ppb
Fluorescence (as quinine at 365nm)	0-0.5 (ppb)	0.00000 ppb
Transmission (at 210 nm)	20-100 (%)	43.30000 %
Transmission 220 nm	60-100 (%)	71.20000 %
Transmission 230 nm	75-100 (%)	86.60000 %
Transmission (at 235 nm)	83-100 (%)	91.00000 %
Transmission(at 250 nm)	95-100 (%)	97.80000 %
Transmission 260 nm	98-100 (%)	99.10000 %
UV Absorbance 225nm	0-0.17	0.09400
Identity	pass	Pass

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Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

