

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 13:35:27

Date of Next Testing: 2026-09-19 13:35:27

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: 99.5%

Lot #: I2213191

SKU # **M116115****Analysis: 135227**

Parameter	Limit Values	Result
Acidity(as H ⁺)	0-0.4 (μmol/g)	0.00000 μmol/g
alkalinity(as OH ⁻)	0-0.08 (μmol/g)	0.00000 μmol/g
Refractive index n ₂₀ /D	1.327-1.333	1.32850
Density (20°C)	0.791-0.793(g/ml)	0.79120 g/ml
Water by Karl Fischer	0-0.1 (%)	0.03830 %
Assay	99.5-100 (%)	99.99400 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Carbonyl Compounds(as Propional dehyde)	0-0.005 (%)	0.00450 %
Potassium permanganate reducing substances(O)	0-0.0005 (%)	0.00046 %
Appearance (M116115)	Colorless Liquid	Colorless liquid
Readily carbonizable substance	Pass	Pass
Miscibility with water	Pass	Pass

John Su
QA & QC Manager