

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-14 09:24:43  
Date of Next Testing: 2026-09-13 09:24:43  
Product Name: **Methanol**  
CAS Number: 67-56-1  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: I2213192  
SKU #: **M116115**  
Analysis: **131283**

Parameter	Limit Values	Result
Acidity(as H <sup>+</sup> )	0-0.4 (μmol/g)	0.00000 μmol/g
alkalinity(as OH <sup>-</sup> )	0-0.08 (μmol/g)	0.00000 μmol/g
Refractive index n <sub>20</sub> /D	1.327-1.333	1.32860
Water by Karl Fischer	0-0.1 (%)	0.03990 %
Assay	99.5-100 (%)	99.96200 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Carbonyl Compounds(as Propional dehyde)	0-0.005 (%)	0.00470 %
Potassium permanganate reducing substances(O)	0-0.0005 (%)	0.00045 %
Density (20°C)	0.791-0.793(g/ml)	0.79300 g/ml
Appearance (M116115)	Colorless Liquid	Colorless liquid
Readily carbonizable substance	Pass	Pass
Miscibility with water	Pass	Pass



John Su  
QA & QC Manager