

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-04 18:57:47

Date of Next Testing: 2028-06-03 18:57:47

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: 99.5%

Lot #: E2421559

SKU #: **M116115**

Version: 5

Analysis #: **363382**

| 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 | 1.32860 |
| Density (20°C) | 0.791-0.793(g/ml) | 0.79270 g/ml |
| Water by Karl Fischer Assay | 0-0.1 (%) | 0.02850 % |
| Evaporation Residue | 99.5-100 (%) | 99.96200 % |
| Carbonyl Compounds(as Propional dehyde) | 0-0.001 (%) | 0.00000 % |
| Potassium permanganate reducing substances(O) | 0-0.005 (%) | 0.00000 % |
| Appearance (M116115) | 0-0.0005 (%) | 0.00000 % |
| Readily carbonizable substance | Colorless Liquid | Colorless liquid |
| Miscibility with water | Pass | Pass |
| | Pass | Pass |

John Su
QA & QC Manager