

Certificate of Analysis

Date of Testing: 2022-06-02 17:11:24
Date of Next Testing: 2026-06-01 17:11:24
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: Analytical Reagent,99.5%
Lot #: E2230250
SKU #: **M116115**
Analysis: **089721**

| Parameter | Limit Values | Result |
|-----------------------------------------------|---------------------|---------------------|
| Acidity(as H ⁺) | 0-0.4 (μmol/g) | 0.00 μmol/g |
| alkalinity(as OH ⁻) | 0-0.08 (μmol/g) | 0.00 μmol/g |
| Refractive index n ₂₀ /D | 1.327-1.333 | 1.33 |
| Water by Karl Fischer | 0-0.1 (%) | 0.05 % |
| Assay | 99.5-100(%) | 99.92 % |
| Evaporation Residue | 0-0.001 (%) | 0.00 % |
| Carbonyl compounds | 0-0.005 (%) | 0.00 % |
| Potassium permanganate reducing substances(O) | 0-0.0005 (%) | 0.00 % |
| Density (20°C) | 0.791-0.793 (g/ml) | 0.79 g/ml |
| Appearance (M116115) | Colorless liquid | Colorless liquid |
| Readily carbonizable substance | pass | Pass |
| Solubility in H ₂ O | Almost transparency | almost transparency |



John Su
QA & QC Manager