

Certificate of Analysis

Date of Testing: 2024-12-13 15:45:35

Date of Next Testing: 2028-12-12 15:45:35

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: AR, ≥99.5%

Lot #: L2405509

SKU #: **M116115**

Version: **5**

Analysis #: **448165**

Storage Temperature: Room temperature

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	1.32840
Density (20°C)	0.791-0.793(g/ml)	0.79270 g/ml
Water by Karl Fischer	0-0.1 (%)	0.00500 %
Assay	99.5-100 (%)	99.87000 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Carbonyl Compounds(as Propional dehyde)	0-0.005 (%)	0.00000 %
Potassium permanganate reducing substances(O)	0-0.0005 (%)	0.00000 %
Appearance (M116115)	Colorless Liquid	Colorless liquid
Readily carbonizable substance	Pass	Pass
Miscibility with water	Pass	Pass



John Su
QA & QC Manager