

Certificate of Analysis

Date of Testing: 2022-07-14 15:58:49

Date of Next Testing: 2026-07-13 15:58:49

Product Name: **Methanol**

CAS Number: 67-56-1

Specifications & Purity: 99.5%

Lot #: F2216049

SKU #: **M116115****Analysis: 113062**

Parameter	Limit Values	Result
Acidity(as H ⁺)	0-0.4 (μmol/g)	0.01 μmol/g
alkalinity(as OH ⁻)	0-0.08 (μmol/g)	0.05 μmol/g
Refractive index n ₂₀ /D	1.327-1.333	1.33
Density (20°C)	0.791-0.793 (g/ml)	0.79 g/ml
Water by Karl Fischer	0-0.1 (%)	0.01 %
Assay	99.5-100(%)	99.99 %
Evaporation Residue	0-0.001 (%)	0.00 %
Carbonyl compounds	0-0.005 (%)	0.00 %
Potassium permanganate reducing substances(O)	0-0.0005 (%)	0.00 %
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