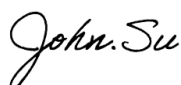


Certificate of Analysis

Date of Testing: 2022-06-05 14:54:35
Date of Next Testing: 2026-06-04 14:54:35
Product Name: **Methanol**
CAS Number: 67-56-1
Specifications & Purity: Analytical Reagent,99.5%
Lot #: E2230252
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