

## Certificate of Analysis

Date of Testing: 2024-02-18 17:02:44  
Date of Next Testing: 2028-02-17 17:02:44  
Product Name: **Methanol**  
CAS Number: 67-56-1  
Specifications & Purity: 99.5%  
Lot #: A2430010  
SKU #: **M116115**  
Analysis: **320582**

Parameter	Limit Values	Result
Acidity(as H <sup>+</sup> )	0-0.4 (μmol/g)	0.00000 μmol/g
alkalinity(as OH <sup>-</sup> )	0-0.08 (μmol/g)	0.00000 μmol/g
Refractive index n <sub>20</sub> /D	1.327-1.333	1.32850
Density (20°C)	0.791-0.793(g/ml)	0.79270 g/ml
Water by Karl Fischer	0-0.1 (%)	0.00530 %
Assay	99.5-100 (%)	99.82800 %
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