

Certificate of Analysis

Product: Methanol 99.8% HPLC Grade

Item Number: MAHPLC

CAS#: 67-56-1

Grade: HPLC

Lot Number: 5002542/2.1

Manufacture Date: 03/30/2026

Retest Date : 03/29/2031

Country of Origin: United States

Tested Property	Specification	Analysis
Color	Max 10 APHA	1
Assay (GC)	Min 99.9%	99.99%
Water	Max 0.1%	0.01%
Evaporation Residue	Max 0.001%	0.000%
Acidity	NMT 0.45 mL 0.02N NaOH	0.10 mL
Alkalinity	NMT 0.20 mL 0.02N H2SO4	0.10 mL
UV Absorbance (1.0cm cell vs. water):		
@210 nm	Max 0.80	0.50
@220 nm	Max 0.40	0.23
@230 nm	Max 0.20	0.11
@205 nm	Max 1.00	0.92
@260 nm	Max 0.04	0.01
@280 - 400 nm	Max 0.01	0.00
Carbonyl compound - Acetone	Max 0.001%	None Detected
Carbonyl compound - Acetaldehyde	Max 0.001%	None Detected
Carbonyl compound - Formaldehyde	Max 0.001%	None Detected
Solubility in Water	To Pass the Test	Pass
Substances Darkened by Sulfuric Acid	To Pass the Test	Pass
Substances Reducing Permanganate	To Pass the Test	Pass
Titration Acid	Max 0.0003 meq/g	0.0002 meq/g

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Titration Base	Max 0.0002 meq/g	0.0001 meq/g
ID A (Infrared Absorption)	To Pass the Test	Pass
ID B (GC Analysis)	To Pass the Test	Pass
Non-Volatile Residue	NMT 2 mg (0.001% w/w)	Pass
Readily Carbonizable Substances	To Pass the Test	Pass
Readily Oxidizable Substances	To Pass the Test	Pass

Store away from open flames, hot surfaces, and sources of ignition.

[Methanol 99.8% HPLC Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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