

Certificate of Analysis

Product: Methanol 99.8%
Item Number: MAHPLC
Grade: HPLC
Lot Number: 5001572/1.2
Manufacture Date: 08/11/2025
Expiration Date: 08/10/2030
Country of Origin: United States

Tested Property	Specification	Analysis
Acetaldehyde	Max 0.001%	None detected
Acetone	Max 0.001%	< 0.001
Assay (by GC-FID) (Corrected for Water)	Min 99.8%	99.92
Color APHA	Max 10	1
Formaldehyde	Max 0.001%	< 0.001%
Residue on Evaporation	Max 0.001%	0.000%
Solubility in Water	To Pass Test	Passes
Substances Darkened by Sulfuric acid	To Pass Test	Passes
Substances Reducing Permanganate	To Pass Test	Passes
Titration Acid	Max 0.0003 meq/g	0.0003
Titration Base	Max 0.0002 meq/g	0.0001
Water (by KF Coulometry)	NMT 0.10%	0.05
UV Absorption at		
205 nm	Max 1.00 AU	0.90
210 nm	Max 0.80 AU	0.47
220 nm	Max 0.40 AU	0.21
230 nm	Max 0.20 AU	0.10
240 nm	Max 0.10 AU	0.04
260 nm	Max 0.04 AU	0.01
280 nm - 400 nm	Max 0.01 AU	0.00

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Acetone and Aldehydes (as Acetone)	Max 0.003%	< 0.003%
Acidity	Max 0.45 ml 0.020 N NaOH	0.15 ml
Alkalinity (as ammonia)	NMT 0.20 ml 0.020 N H ₂ SO ₄ (3 ppm max)	0.02 ml
Assay	Min 99.50%	99.97%
Identification A (IR Absorption)	To Pass Test	Pass
Identification B (GC Analysis)	To Pass Test	Pass
Non - Volatile Residue	Max 2 mg (0.001% w/w)	0 mg
Readily Carbonizable Substances	To Pass Test	Pass
Readily Oxidizable Substances	To Pass Test	Pass
Water	Max 0.10%	0.05%

[Methanol 99.8%](#)

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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