

Certificate of Analysis

Product: Methanol 99.8%
Item Number: MAHPLC
Grade: HPLC
Lot Number: 5000973/1.1
Manufacture Date: 10/31/2024
Expiration Date: 10/30/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Acetaldehyde	Max 0.001%	<0.001
Acetone	Max 0.001%	<0.001
Assay (Corrected for Water)	Min 99.8%	99.94
Color APHA	Max 10	1
Formaldehyde	Max 0.001%	<0.001
Residue after 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	0.0002
Titration Base	Max 0.0002 meq/g	0.0001
Water	Max 0.10%	0.05
UV Absorption at		
205 nm	Max 1.00	0.92
210 nm	Max 0.80	0.49
220 nm	Max 0.40	0.23
230 nm	Max 0.20	0.11
240 nm	Max 0.10	0.05
260 nm	Max 0.04	0.02
280 - 400 nm	Max 0.01	0.01

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Acidity	Max 0.45 mL 0.020N NaOH required	0.15
Alkalinity (as Ammonia)	Max 0.20 mL 0.020N NaOH required	0.05
Identification A (Infrared Absorption)	To Pass Test	Passes
Identification B (GC Analysis)	To Pass Test	Passes
Non-volatile Residue	Max 2 mg	0
Readily Carbonizable Substances	To Pass Test	Passes
Readily Oxidizable Substances	To Pass Test	Passes

[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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