

Certificate of Analysis

Product: Methanol 99.8%
Item Number: MAHPLC
Grade: HPLC
Lot Number: 5001460/1.1
Manufacture Date: 08/08/2022
Expiration Date: 08/07/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Acetaldehyde	Max 0.001%	<0.001%
Acetone	Max 0.001%	0.001
Assay (by GC-FID) (Corrected for Water)	Min 99.8%	99.97
Color APHA	Max 10	5
Formaldehyde	Max 0.001%	0.001%
Residue after Evaporation	Max 5 ppm	1
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	0.0001
Titration Base	Max 0.0002 meq/g	0.00003
Water (by KF Coulometry)	Max 0.10%	0.03
Optical Absorbance at		
205 nm	Max 1.00 AU	0.93
220 nm	Max 0.4 AU	0.23
240 nm	Max 0.10 AU	0.05
250 nm	Max 0.02 AU	0.02
280 nm	Max 0.01 AU	0.003
400 nm	Max 0.01 AU	0.001
Description	Clear, colorless liquid free of suspended matter	Pass

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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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