LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Methanol 99%
Item Number: MAL
Grade: Lab
Lot Number: 5001628/1.1
Manufacture Date: 06/28/2025
Expiration Date: 06/27/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Purity	Min 99.99%	99.99%
Odor	Characteristic	Pass
Water Content	Max 0.10%	0.026
Acidity as Acetic Acid	Max 0.0030 wt%	0.0008
Alkalinity as Ammonia	Max 0.0030%	<0.0001
Specific Gravity @ 20/20°C	0.7920 - 0.7930	0.7927
Non volatile matter	Max 5 mg/100ml	0.2
Permanganate time	Min 50 minutes	>60
Carbonizable substances	Max 50, Pt-Co Scale	<5
Distillation Range	1.0 max include (64.6 +/- 0.1)	0.4
IBP	63.6-65.6°C	64.3°C
DP	63.6-65.6°C	64.7°C
Ethanol	As reported	8 ppm
Total Sulfur	Max 0.5 ppm	<0.5
Iron	Max 0.10 ppm	<0.01
Chlorides	Max 0.5 ppm	<0.25
Appearance	Clear liquid and free from suspended matter	Pass
Color, Pt-Co	10 max	<5
Acetone, wt%	0.003 wt% max	<0.0005
Acetone and Aldehydes, wt%	As reported	< 0.003 wt%

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Hydrocarbons	To Pass Test	Pass
Other Alcohols, wt%	As reported	<0.0005
Other Impurities, wt%	As reported	0.0017

Methanol 99%

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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