

Certificate of Analysis

Product: Methanol 99%
Item Number: MAL
Grade: Lab
Lot Number: 5000901/1.1
Manufacture Date: 09/16/2024
Expiration Date: 09/15/2026
Country of Origin: United States

Tested Property	Specification	Analysis
Purity	Min 99.85 wt%	99.99
Color, Pt-Co	Max 10	<5
Odor	Characteristic	Pass
Water Content	Max 0.10 wt%	0.008
Acidity as Acetic Acid	Max 30 mg/kg	11
Alkalinity	Max 0.0003 wt%	<0.0001
Specific Gravity @ 20/20°C	0.7910 - 0.7930	0.7926
Non volatile matter, mg/100ml	Max 8	0.1
Potassium Permanganate time, minutes	>60 minutes	>60
Carbonizable substances	Max 50, Pt-Co Scale	8
Acetone	<30 ppm	5
Boiling range	Max 1.0°C	0.4°C
IBP @ 760 mm Hg	Max 64.7°C	64.4°C
DP @ 760 mm Hg	Min 64.5°C	64.8°C
Ethanol	Max 50 ppm	<5
Total Sulfur	Max 0.5 ppm	<0.5
Iron	Max 0.1 ppm	<0.01
Chlorides	Max 0.5 mg/kg	<0.25
Hydrocarbons	As reported	Pass
Acetone and Aldehydes	As reported	<0.003 wt%

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Other alcohols	As reported	<0.0005 wt%
Other impurities	As reported	0.0005 wt%

[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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