

Certificate of Analysis

Product: Methanol 99%
Item Number: MAL
Grade: Lab
Lot Number: 5000925/1.1
Manufacture Date: 09/30/2024
Expiration Date: 09/29/2026
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%	0.019
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	Max 8 mg/100ml	0.2
Potassium Permanganate time, minutes	>60 minutes	>60
Carbonizable substances	Max 50, Pt-Co Scale	<5
Acetone	<30 ppm	<5
Boiling range	Max 1.0°C	0.4°C
IBP @ 760 mm Hg	Max 64.7°C	64.5°C
DP @ 760 mm Hg	Min 64.5°C	64.9°C
Ethanol	Max 50 ppm	<5
Total Sulfur	Max 0.5 ppm	<0.5
Iron	Max 0.1 ppm	0.05
Chlorides	Max 0.5 mg/kg	<0.25
Hydrocarbons	As reported	Pass
Appearance	Clear and Free from Suspended Matter	Pass

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Methanol 99%

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