

**Certificate of Analysis**

**Product: Methanol 99%**  
**Item Number: MAL**  
**Grade: Lab**  
**Lot Number: 5000569/1.1**  
**Manufacture Date: 01/30/2024**  
**Expiration Date: 01/29/2026**  
**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%        | 0.011    |
| Acidity as Acetic Acid               | Max 30 mg/kg        | 8        |
| Alkalinity                           | Max 0.0003 wt%      | <0.0001  |
| Specific Gravity @ 20/20°C           | 0.7910 - 0.7930     | 0.7925   |
| Non volatile matter, mg/100ml        | Max 8               | 3        |
| Potassium Permanganate time, minutes | >60 minutes         | >60      |
| Carbonizable substances              | Max 50, Pt-Co Scale | 11       |
| Acetone                              | <30 ppm             | <5       |
| Boiling range                        | Max 1.0°C           | 0.2°C    |
| IBP @ 760 mm Hg                      | Max 64.7°C          | 64.6°C   |
| FBP @ 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     |

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737,  
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[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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E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com).

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