

### Certificate of Analysis

**Product: Isopropyl Alcohol 99.8%**

**Item Number: IPAL99**

**Grade: Lab**

**Lot Number: 5001038/2.1**

**Manufacture Date: 12/02/2024**

**Expiration Date: 12/01/2027**

**Country of Origin: United States**

| Tested Property                       | Specification                           | Analysis |
|---------------------------------------|-----------------------------------------|----------|
| Isopropyl Alcohol purity, wt%         | Min 99.8%                               | 99.9%    |
| Water, wt%                            | <0.1                                    | 0.004    |
| Specific Gravity @20°C                | 0.7862 - 0.7870                         | 0.7867   |
| Refractive Index @20°C                | 1.376 - 1.378                           | 1.377    |
| Limit of nonvolatile residue, g/100mL | <0.005                                  | 0.000    |
| Acidity as Acetic Acid, wt%           | <0.001                                  | 0.0004   |
| Appearance                            | Clear/clean free of suspended particles | Pass     |
| Color, APHA (Pt-Co)                   | Max 5                                   | 2        |
| Water miscibility                     | Clear and miscible                      | Pass     |
| Distillation IBP at 760 mm Hg         | 81.3 - 83.0 °C                          | 81.7     |
| Distillation DP at 760mm Hg           | 81.3 - 83.0 °C                          | 82.4     |

Meets U.S. Federal Specification TT-I-735A Amendment 3, Notice 3, 6 June 2007, Grades A &B.

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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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