

Certificate of Analysis

Product: Isopropyl Alcohol 99.8%

Item Number: IPAL99

Grade: Lab

Lot Number: 5000111/1.2 Manufacture Date: 05/03/2020 Expiration Date: 05/02/2025 Country of Origin: United States

| Tested Property | Specification | Analysis |
|------------------------------|------------------------------------|----------|
| Purity | Min 99.8% | 100% |
| Water | 0.1% | 0.0% |
| Acidity as Acetic Acid | 0.001% | 0.000 |
| Water Miscibility | Miscible | Pass |
| Nonvolatile Residue, g/100ml | 0.001 | 0.000 |
| Appearance | Clear & Free From Suspended Matter | Passes |
| Color, Pt-Co | Max 5 | 5 |
| Density @ 20°C, g/ml | 0.785- 0.786 | 0.785 |
| Distillation IBP | Min 81.8°C | 82.2°C |
| Distillation DP | Max 82.8°C | 82.3°C |
| Refractive index at 20°C | 1.376 - 1.378 | 1.377 |

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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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