

## Certificate of Analysis

**Product: Isopropyl Alcohol 99%**

**Item Number: IPAL99**

**Grade: Lab**

**Lot Number: 5000290/1.1**

**Manufacture Date: 09/12/2023**

**Expiration Date: 09/11/2025**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear liquid, Free from sediment	Pass
Color, PT-CO	colorless, 5 max	Pass
Odor	Characteristic	Pass
Refractive Index at 20°C	1.376 - 1.378	1.377
Specific gravity @ 20°C	0.785 - 0.787	0.787
Isopropyl Alcohol, wt%	99.8 min	100
Water, wt%	0.10 max	0.06
Water miscibility	Clear & miscible	Pass
Acidity, as acetic acid, wt%	0.002 max	0.001
Nonvolatile matter, g/100ml	0.005 max	0.0002

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

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