

## Certificate of Analysis

**Product: Isopropyl Alcohol (IPA)**  
**Item Number: IPAL91**  
**Grade: Lab**  
**Lot Number: 289549-91**  
**Manufacture Date: 03/09/2023**  
**Expiration Date: 03/08/2025**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Purity	90 - 91.8%	91.08%
Water	10 - 8.2%	8.92%
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 @ 20Â°C, g/ml	0.873 - 0.884	0.8789
Distillation, IBP, Â°C	82.1	82.1
Distillation, DP, Â°C	82.2	82.2
Refractive Index @ 20Â°C	1.377 - 1.378	1.377

### [Isopropyl Alcohol \(IPA\)](#)

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