

### Certificate of Analysis

**Product: Isopropyl Alcohol 99.8%**  
**Item Number: IPAL99**  
**Grade: Lab**  
**Lot Number: 5000884/1.2**  
**Manufacture Date: 10/11/2024**  
**Expiration Date: 10/10/2027**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Isopropyl Alcohol purity, wt%	Min 99.8%	99.9%
Water, wt%	<0.1	<0.1
Specific Gravity @25°C	0.783 - 0.787	0.783
Refractive Index @20°C	1.376 - 1.378	1.377
Limit of nonvolatile residue, g/100mL	<0.005	<0.005
Acidity as Acetic Acid, wt%	<0.001	<0.001
Appearance	Clear/clean free of suspended particles	Pass
Color, APHA (Pt-Co)	Max 5	4
Water miscibility	Clear and miscible	Pass
Limit of Volatile impurities (total), %	<1.0	<1.0

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

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