

Certificate of Analysis

Product: Isopropyl Alcohol 99.8%
Item Number: IPAU99
Grade: USP
Lot Number: 5001492/1.1
Manufacture Date: 09/09/2025
Expiration Date: 09/08/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Isopropyl Alcohol purity, wt%	Min 99.8%	99.9%
Water, wt%	Max 0.50	0.08
Specific Gravity @20°C	0.783 - 0.787	0.787
Refractive Index @20°C	1.376 - 1.378	1.377
Limit of nonvolatile residue, g/100mL	Max 0.005	0.0002
Acidity as Acetic Acid, wt%	Max 0.001	0.001
Appearance	Clear/clean free of suspended particles	Pass
Color, APHA (Pt-Co)	Max 5	<5
Water miscibility	Clear and miscible	Pass
Distillation Range	1 °C max, includes 82.3°C	Pass
Distillation IBP	Min 81.8°C	82.1
Distillation DP	Max 82.8°C	82.4
Acidity, mL 0.020 N NaOH to neutralize	Max 0.70	NA
UV absorbance @260nm	Max 0.1 AU	0.03
Identification A (IR)	Pass the test	Pass
Limit of Volatile Impurities (Each individual), %	Max 0.1	Pass
Limit of Volatile Impurities (Total), %	Max 1.0	Pass
Identification B (GC retention)	Pass the test	Pass

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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