LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Isopropyl Alcohol 99.8% USP Grade, Kosher, Halal
Item Number: IPAU99
CAS#: 67-63-0
Grade: USP
Lot Number: 5002723/1.1
Manufacture Date: 10/29/2026
Expiration Date: 10/28/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Assay	Min 99.0%	99.9%
Water Content	Max 0.10 Wt. %	0.03 Wt. %
Specific Gravity @20°C	0.783 - 0.787	0.787
Refractive Index @20°C	1.376 - 1.378	1.377
Limit of Nonvolatile Residue	Max 0.005 g/100mL	0.000 g/100mL
Acidity (mL of 0.02N NaOH)	Max 0.70	NA
Acidity as Acetic Acid	Max. 0.001 wt. %	0.000 wt. %
Color, APHA (Pt-Co)	Max 10	<5
Water miscibility	Clear and miscible	Pass
Identification A (IR)	Pass the test	Pass
Identification B (GC retention)	Pass the test	Pass
Limit of Volatile Impurities - Individual	Max 0.10%	Pass
Limit of Volatile Impurities - Total	Max 1.0%	Pass
Distillation Range	1°C max, includes 82.3°C	Pass
Distillation IBP	81.8°C min	81.8°C
DP	82.8°C max	82.8°C
Appearance	Clear, free from suspended matter	Pass

Meets U.S. Federal Specification TT-I-735A Amendment 3, Notice 3, 6 June 2007, Grades A & B.
Store in a cool, dry, and well-ventilated environment away from heat and direct sunlight.

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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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