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: 5002142/1.1
Manufacture Date: 03/26/2026
Expiration Date: 03/25/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Isopropyl Alcohol Purity/Assay	Min 99.0 Wt. %	99.9
Water	Max 0.10 Wt. %	0.04
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
Acidity as Acetic Acid	Max 0.001 Wt. %	0.000
Appearance	Clear, free of suspended particles	Pass
Color, APHA	Max 5 (Pt-Co)	<5
Water miscibility	Clear and miscible	Pass
Distillation Range	1 ºC max, includes 82.3ºC	Pass
Distillation IBP	Min. 81.8ºC	81.8
Distillation DP	Max. 82.8ºC	82.8
Identification A (IR)	Pass the test	Pass
Identification B (GC retention)	Pass the test	Pass
Limit of Volatile Impurities (Total)	Max 1.0 %	Pass
Limit of Volatile Impurities (Each individual)	Max 0.1 %	Pass
Methanol	<200 ppm	Pass

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

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