

Certificate of Analysis

Product: Isopropyl Alcohol 99%
Item Number: IPAHLPLC
Grade: HPLC
Lot Number: 5001441/5.1
Manufacture Date: 08/13/2025
Expiration Date: 07/13/2028
Country of Origin: India

Tested Property	Specification	Analysis
Color and Appearance	Clear, colorless liquid	Complies
Carbonyl compound - Acetone	≤0.002%	0.0004
Carbonyl compound - Propionaldehyde	≤0.002%	0.0008
Color	≤10 APHA	Complies
Residue after Evaporation	≤0.001%	0.0006
Solubility in water	To pass test	Complies
Specific Gravity @ 25°C	0.783 - 0.787	0.785
Assay (by GC)	≥99.5%	99.9
Titrate Acid or Base	0.0001 meq/g	Complies
Water	≤0.2 Wt. %	0.013
Refractive Index @ 20°C	1.376 - 1.378	1.377
Acidity	Max 0.70 mL of 0.02N NaOH is required	Complies
Absorbance	To pass the test	Complies
Gradient Analysis at 254nm	To pass the test	Complies
Gradient Elution	To pass the test	Complies
UV Absorbance		
210nm	≤1.0	0.67
220nm	≤0.40	0.31
230nm	≤0.20	0.12
245nm	≤0.08	0.007

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260nm	≤0.04	0.006
275nm	≤0.03	0.002
300nm	≤0.02	0.002
330 - 400nm	≤0.01	0.002
Limit of Volatile Impurities - Methanol	≤0.02%	0.003
Limit of Volatile Impurities - Diethyl Ether	≤0.1%	0.06
Limit of Volatile Impurities - Di isopropyl ether	≤0.1%	0.07
Limit of Volatile Impurities - n-Propyl Alcohol	≤0.1%	0.03
Limit of Nonvolatile Impurities	≤0.005%	0.0004
Limit of Volatile Impurities - Total	≤1.0%	0.4
Liquid Chromatography	To pass the test	Complies

CAS RN: 67-63-0

[Isopropyl Alcohol 99%](#)

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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