

Certificate of Analysis

Product: Isopropyl Alcohol 99% HPLC Grade

Item Number: IPAHLPLC

CAS#: 67-63-0

Grade: HPLC

Lot Number: 5002493/2.1

Manufacture Date: 06/12/2026

Retest Date : 06/11/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Assay	Min 99.9%	99.96%
Specific Gravity @ 25°C	0.783 - 0.787	0.783
Solubility in water	To Pass the Test	Pass
Residue on Evaporation	Max 0.001%	0.000%
Water	Max 0.2 Wt. %	0.02 Wt. %
Acidity	NMT 0.7mL 0.02N NaOH required	0.3mL
UV Absorbance:		
210nm	≤1.0	0.42
220nm	≤0.40	0.20
230nm	≤0.20	0.10
245nm	≤0.08	0.03
250nm	≤0.10	0.02
260nm	≤0.04	0.01
270nm	≤0.03	0.00
275nm	≤0.03	0.00
290nm	≤0.02	0.00
300nm	≤0.02	0.00
310nm	≤0.01	0.00
330 - 400nm	≤0.01	0.00
Limit of Nonvolatile Residue	NMT 2.5mg (0.005%)	0.0mg

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ID A- Infrared Spec.	To Pass the Test	Pass
ID B	To Pass the Test	Pass
ID C- Limit of Methanol	NMT 0.02%	Pass
Refractive Index @ 20°C	1.376 - 1.378	1.377
Titration Acid or Base	Max 0.0001 meq/g	0.0001
Carbonyl compound - Propionaldehyde	Max 0.002%	None Detected
Carbonyl compound - Acetone	Max 0.002%	0.001%
Absorbance Curve	Spectrum shows steadily descending curve with no observable peaks or shoulders	Pass
Methanol	NMT 0.02%	None Detected
Diethyl Ether	NMT 0.1%	None Detected
Acetone	NMT 0.1%	<0.1%
Diisopropyl Ether	NMT 0.1%	None Detected
n-Propyl Alcohol	NMT 0.1%	<0.1%
2-Butanol	NMT 0.1%	None Detected
Limit of Volatile Imp. - Individual Unspecified	NMT 0.1%	<0.1%
Limit of Volatile Imp. - Total	NMT 1.0%	<0.1%

Store in cool, dry, well-ventilated environment.

[Isopropyl Alcohol 99% HPLC Grade](#)

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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