

## Certificate of Analysis

Date of Testing: 2023-04-19 17:35:30  
 Date of Next Testing: 2026-04-18 17:35:30  
 Product Name: **Isopropyl Alcohol**  
 CAS Number: 67-63-0  
 Specifications & Purity: ACS spectrographic grade, ≥99.5%  
 Lot #: D23142248  
 SKU #: **I112020**  
**Analysis: 161438**

Parameter	Limit Values	Result
UV Absorbance 275nm	0-0.03	0.02
UV Absorbance 400nm	0-0.01	0.01
Water by Karl Fischer	0-0.2 (%)	0.02 %
UV Absorbance 230nm	0-0.2	0.19
UV Absorbance 220nm	0-0.4	0.30
Color scale	0-10 (APHA)	8.60 APHA
Purity(GC)	99.5-100 (%)	99.83 %
UV Absorbance 245nm	0-0.08	0.06
Carbonyl compounds	0-0.002 (%)	0.00 %
UV Absorbance 210nm	0-1	0.08
UV Absorbance 330nm	0-0.01	0.01
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
Tit. acid or base	0-0.0001 (mg/g)	0.00 mg/g
UV Absorbance 260nm	0-0.04	0.03
UV Absorbance 300nm	0-0.02	0.01
Appearance (I112020)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
λ, H <sub>2</sub> O reference	Pass	Pass



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager