

Certificate of Analysis

Date of Testing: 2022-05-26 09:10:17
 Date of Next Testing: 2025-05-25 09:10:17
 Product Name: **Isopropyl Alcohol**
 CAS Number: 67-63-0
 Specifications & Purity: ACS spectrographic grade, ≥99.5%
 Lot #: E2224157
 SKU #: I112020
Analysis: 091859

| Parameter | Limit Values | Result |
|--------------------------------|-----------------------|-----------------------|
| UV Absorbance 275nm | 0-0.03 | 0.00 |
| UV Absorbance 400nm | 0-0.01 | 0.00 |
| Water by Karl Fischer | 0-0.2 (%) | 0.01 % |
| UV Absorbance 230nm | 0-0.2 | 0.06 |
| UV Absorbance 220nm | 0-0.4 | 0.16 |
| Color scale | 0-10 (APHA) | 3.70 APHA |
| Purity(GC) | 99.5-100 (%) | 99.99 % |
| UV Absorbance 245nm | 0-0.08 | 0.02 |
| Carbonyl compounds | 0-0.002 (%) | 0.00 % |
| UV Absorbance 210nm | 0-1 | 0.45 |
| UV Absorbance 330nm | 0-0.01 | 0.00 |
| Evaporation Residue | 0-0.001 (mg/L) | 0.00 mg/L |
| Titration acid or base | 0-0.0001 (mg/g) | 0.00 mg/g |
| UV Absorbance 260nm | 0-0.04 | 0.00 |
| UV Absorbance 300nm | 0-0.02 | 0.00 |
| Appearance (I112020) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O | Almost transparency | almost transparency |
| λ, H ₂ O reference | Pass | Pass |



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager