

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-03 15:28:35  
Date of Next Testing: 2026-03-02 15:28:35  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: Analytical Reagent, ≥99.7%  
Lot #: B2226572  
SKU #: **I112011**  
Analysis: **079737**

| Parameter                                  | Limit Values       | Result           |
|--|--------------------|------------------|
| Purity(GC)                                 | 99.7-100 (%)       | 99.99%           |
| Carbonyl Compounds(as Propional dehyde)    | 0-0.005 (%)        | 0.00%            |
| Iron(Fe)                                   | 0-0.1 (ppm)        | 0.04 ppm         |
| Methanol(CH <sub>3</sub> OH)               | 0-0.1 (%)          | 0.05%            |
| Density                                    | 0.784-0.786 (g/ml) | 0.78 g/ml        |
| Refractive index n <sub>20</sub> /D        | 1.376-1.379        | 1.38             |
| Water by Karl Fischer                      | 0-0.1 (%)          | 0.01%            |
| Evaporation Residue                        | 0-0.001 (%)        | 0.00%            |
| Acidity(as H <sup>+</sup> )                | 0-0.0003 (mmol/g)  | 0.00 mmol/g      |
| Appearance (I112011)                       | Colorless liquid   | Colorless liquid |
| Miscibility with water                     | pass               | Pass             |
| Potassium permanganate reducing substances | Pass               | Pass             |
| Readily carbonizable substance             | pass               | Pass             |



John Su  
QA & QC Manager