

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-30 16:43:08  
 Date of Next Testing: 2026-12-29 16:43:08  
 Product Name: **Isopropyl Alcohol**  
 CAS Number: 67-63-0  
 Specifications & Purity: Analytical Reagent, ≥99.7%  
 Lot #: L2220482  
 SKU #: **I112011**  
 Analysis: **171817**

Parameter	Limit Values	Result
Assay	99.7-100 (%)	99.96000 %
Carbonyl Compounds(as Propional dehyde)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.00001 (%)	0.00000 %
Methanol(CH <sub>3</sub> OH)	0-0.1 (%)	0.00000 %
Refractive index n <sub>20</sub> /D	1.376-1.379	1.37710
Water by Karl Fischer	0-0.1 (%)	0.01590 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Acidity(as H <sup>+</sup> )	0-0.3 (μmol/g)	0.00000 μmol/g
Density (20°C)	0.784-0.786 (g/ml)	0.78480 g/ml
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