

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-01 08:41:45
 Date of Next Testing: 2029-06-30 08:41:45
 Product Name: **Isopropyl Alcohol(IPA)**
 CAS Number: 67-63-0
 Specifications & Purity: PharmPure™
 Lot #: F2517643
 SKU #: **I434894**
 Version: **1**
 Analysis #: **518871**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Specific gravity 25 °C	0.783-0.787	0.78500
Refractive index n ₂₀ /D	1.376-1.378	1.37710
Assay(GC)	≥ 99.0 (%)	99.95500 %
Residue on Evaporation	≤0.0005 (%)	0.00000 %
Diethyl Ether	≤ 0.1(%)	0.00000 %
Acetone	≤ 0.1 (%)	0.00000 %
Diisopropyl Ether	≤ 0.1 (%)	0.00000 %
N-Propanol	≤0.1 (%)	0.00000 %
2-Butanol	≤0.1 (%)	0.00000 %
methanol	≤0.02 (%)	0.00000 %
Unspecified Impurity	≤0.1 (%)	0.00000 %
Water by Karl Fischer	≤0.5 (%)	0.01450 %
Total Impurities	≤1.0 (%)	0.00000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager