

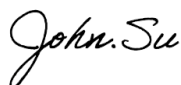
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-04 09:59:30  
Date of Next Testing: 2028-09-03 09:59:30  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: for HPLC,99.8%  
Lot #: H2429313  
SKU #: **I112012**  
Version: **2**  
Analysis #: **401876**  
Storage Temperature: Argon charged

| Parameter                           | Limit Values | Result    |
|-------------------------------------|--------------|-----------|
| UV Absorbance 260nm                 | 0-0.01       | 0.00      |
| UV Absorbance 230nm                 | <=0.1        | 0.04      |
| Evaporation Residue                 | <=0.0003(%)  | 0.00 %    |
| Purity(GC)                          | 99.8-100 (%) | 99.94 %   |
| UV Absorbance 210nm                 | 0-0.7        | 0.25      |
| Water by Karl Fischer               | 0-0.05 (%)   | 0.01 %    |
| UV Absorbance 220nm                 | <=0.2        | 0.08      |
| Color test (APHA)                   | ≤10 (APHA)   | 0.00 APHA |
| Acidity                             | ≤ 0.001 (%)  | 0.00 %    |
| UV Absorbance 400nm                 | ≤ 0.01       | 0.00      |
| UV Absorbance 205nm                 | ≤ 1.0        | 0.74      |
| Refractive index n <sub>20</sub> /D | 1.376-1.379  | 1.38      |



John Su  
QA & QC Manager