

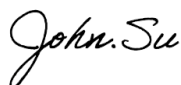
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-22 13:12:22  
Date of Next Testing: 2028-11-21 13:12:22  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: Chromatographic grade,  $\geq 99.8\%$   
Lot #: J2414799  
SKU #: **I112012**  
Version: **2**  
Analysis #: **438230**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.93 %
Acidity	$\leq 0.001$ (%)	0.00 %
UV Absorbance 260nm	0-0.01	0.00
UV Absorbance 230nm	$\leq 0.1$	0.05
Evaporation Residue	$\leq 0.0003$ (%)	0.00 %
UV Absorbance 210nm	0-0.7	0.29
Water by Karl Fischer	0-0.05 (%)	0.02 %
UV Absorbance 220nm	$\leq 0.2$	0.12
Color test (APHA)	$\leq 10$ (APHA)	0.00 APHA
UV Absorbance 400nm	$\leq 0.01$	0.00
UV Absorbance 205nm	$\leq 1.0$	0.66
Refractive index n <sub>20</sub> /D	1.376-1.379	1.38



John Su  
QA & QC Manager