

## Certificate of Analysis

Date of Testing: 2022-05-13 10:16:20  
Date of Next Testing: 2026-05-12 10:16:20  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: for HPLC,99.8%  
Lot #: E2211262  
SKU #: **I112012**  
**Analysis:** **088770**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.01	0.01
Evaporation Residue	0-0.0005 (%)	0.00 %
Purity(GC)	99.8-100 (%)	99.99 %
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 230nm	0-0.13	0.05
Refractive index n <sub>20</sub> /D	1.376-1.379	1.38
UV Absorbance 210nm	0-0.7	0.40
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)	0.00 %
UV Absorbance 220nm	0-0.3	0.15
Appearance (I112012)	Colorless Liquid	Colorless liquid
λ, H <sub>2</sub> O reference	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager