

## Certificate of Analysis

Date of Testing: 2023-06-06 16:08:11  
Date of Next Testing: 2027-06-05 16:08:11  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: for HPLC plus,99.9%  
Lot #: E23301317  
SKU #: **I112021**  
**Analysis: 221682**

Parameter	Limit Values	Result
UV Absorbance 245nm	0-1	0.07
Evaporation Residue	0-0.0001 (%)	0.00 %
Purity(GC)	99.9-100 (%)	99.94 %
Water by Karl Fischer	0-0.02 (%)	0.01 %
UV Absorbance 250nm	0-0.3	0.06
Fluorescence (quinine) at 365 nm	0-0.5 (ppb)	0.04 ppb
UV Absorbance 400nm	0-0.005	0.00
UV Absorbance 275nm	0-0.005	0.00
halogenated residue(as heptachlor epoxide)	0-10 (ng/L)	5.00 ng/L
Appearance (I112021)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
$\lambda$ , H2O reference	Pass	Pass



John Su  
QA & QC Manager