

## Certificate of Analysis

Date of Testing: 2024-01-19 11:14:04  
Date of Next Testing: 2028-01-18 11:14:04  
Product Name: **Isopropyl Alcohol**  
CAS Number: 67-63-0  
Specifications & Purity: Analytical Reagent, ≥99.7%  
Lot #: A2415638  
SKU #: **I112011**  
Analysis: **316605**

Parameter	Limit Values	Result
Assay	99.7-100 (%)	99.90500 %
Carbonyl Compounds(as Propional dehyde)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.00001 (%)	0.00000 %
Methanol(CH <sub>3</sub> OH)	0-0.1 (%)	0.00000 %
Density (20°C)	0.784-0.786 (g/ml)	0.78600 g/ml
Refractive index n <sub>20</sub> /D	1.376-1.379	1.37710
Water by Karl Fischer	0-0.1 (%)	0.03320 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Acidity(as H <sup>+</sup> )	0-0.3 (μmol/g)	0.00000 μmol/g
Appearance (I112011)	Colorless Liquid	Colorless liquid
Miscibility with water	Pass	Pass
Potassium permanganate reducing substances	Pass	Pass
Readily carbonizable substance	Pass	Pass



John Su  
QA & QC Manager