

## Certificate of Analysis

Date of Testing: 2024-08-19 10:50:17  
Date of Next Testing: 2028-08-18 10:50:17  
Product Name: **Ethylacetate**  
CAS Number: 141-78-6  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: H2413627  
SKU #: **E116132**  
Version: **7**  
Analysis #: **400901**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acidity(as H <sup>+</sup> )	0-0.8 (μmol/g)	0.00000 μmol/g
Color test (APHA)	0-10	0.00000
Refractive index n <sub>20</sub> /D	1.37-1.374	1.37240
Ethanol(C <sub>2</sub> H <sub>5</sub> OH)	0-0.1 (%)	0.00000 %
Evaporation Residue	0-0.0005 (%)	0.00000 %
Assay	99.5-100 (%)	99.81800 %
Water by Karl Fischer	0-0.1 (%)	0.01000 %
Density (20°C)	0.899-0.901 (g/ml)	0.90050 g/ml
Methanol(CH <sub>3</sub> OH)	0-0.1 (%)	0.00000 %
Methyl acetate(CH <sub>3</sub> COOCH <sub>3</sub> )	0-0.1 (%)	0.00000 %
Appearance (E116132)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	Pass	Pass



John Su  
QA & QC Manager