

## Certificate of Analysis

Date of Testing: 2022-05-09 12:30:11  
 Date of Next Testing: 2023-05-09 12:30:11  
 Product Name: **Ethylacetate**  
 CAS Number: 141-78-6  
 Specifications & Purity: for LC-MS, ≥99.9%(GC)  
 Lot #: G2131206  
 SKU #: **E116141**  
**Analysis:** **089519**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Potassium(K)	≤5 (ppb)	0.00 ppb
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
Calcium(Ca)	≤10 (ppb)	0.05 ppb
Transmission 260 nm	50-100 (%)	55.62 %
Magnesium(Mg)	≤10 (ppb)	0.02 ppb
Transmission 265 nm	80-100 (%)	82.51 %
Aluminum(Al)	0-10 (ppb)	6.41 ppb
Water by Karl Fischer	0-0.05 (%)	0.01 %
Intensity of background mass peak(APCI/ESI positive)	≤2 (ppb)	2.00 ppb
Intensity of background mass peak(APCI/ESI negative)	≤20 (ppb)	20.00 ppb
Transmission 270 nm	98-100 (%)	99.64 %
Evaporation Residue	0-2 (mg/L)	1.15 mg/L
Purity(GC)	99.9-100 (%)	99.91 %
Iron(Fe)	0-10 (ppb)	4.26 ppb
Sodium(Na)	≤50 (ppb)	0.04 ppb
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager