

Certificate of Analysis

Date of Testing: 2023-02-16 18:28:18
 Date of Next Testing: 2025-02-15 18:28:18
 Product Name: **Ethylacetate**
 CAS Number: 141-78-6
 Specifications & Purity: for LC-MS, ≥99.9%(GC)
 Lot #: B2310147
 SKU #: **E116141**
Analysis: **165657**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acidity/alkalinity	0-0.0002 (mg/g)	0.00 mg/g
Calcium(Ca)	≤10 (ppb)	0.00 ppb
Transmission 260 nm	50-100 (%)	77.20 %
Magnesium(Mg)	≤10 (ppb)	0.00 ppb
Transmission 265 nm	80-100 (%)	91.90 %
Aluminum(Al)	0-10 (ppb)	0.00 ppb
Water by Karl Fischer	0-0.05 (%)	0.03 %
Intensity of background mass peak(APCI/ESI positive)	≤2 (ppb)	1.00 ppb
Intensity of background mass peak(APCI/ESI negative)	≤20 (ppb)	12.00 ppb
Purity(GC)	99.9-100 (%)	99.94 %
Iron(Fe)	0-10 (ppb)	0.00 ppb
Potassium(K)	0-0.1 (ppb)	0.00 ppb
Transmission 270 nm	98-100 (%)	98.70 %
Evaporation Residue	0-2 (mg/L)	0.00 mg/L
Sodium(Na)	0-0.1 (ppb)	0.00 ppb
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager