

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-28 13:55:37
 Date of Next Testing: 2030-02-27 13:55:37
 Product Name: (-)-Ethyl L-lactate
 CAS Number: 687-47-8
 Specifications & Purity: photoresist grade, ≥99%
 Lot #: B2626395
 SKU #: E104553
 Version: 1
 Analysis #: 650443
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	100.00000 %
Free acid	0-0.025 (%)	0.00000 %
Water by Karl Fischer	0-0.1 (%)	0.06000 %
Trace Metal Analysis	0-1 (ppm)	0.00000 ppm
Refractive index n _{20/D}	1.412-1.414	1.41300
Evaporation Residue	0-0.01 (%)	0.00000 %
Purity(sum of enantiomers)(GC)	99-100 (%)	99.96000 %
Specific Rotation [α] _{20/D} (c=Neat)	-11.5~-9.5 (°)	-11.17200 °
Appearance (E104553)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager