

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-11 11:25:07

Date of Next Testing: 2029-02-10 11:25:07

Product Name: **(-)-Ethyl L-lactate**

CAS Number: 687-47-8

Specifications & Purity: photoresist grade, ≥99%

Lot #: B2507012

SKU #: **E104553**

Version: **1**

Analysis #: **033112**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9999-100 (%)	99.99990 %
Free acid	0-0.025 (%)	0.02100 %
Water by Karl Fischer	0-0.1 (%)	0.09170 %
Trace Metal Analysis	0-1 (ppm)	1.00000 ppm
Refractive index n _{20/D}	1.412-1.414	1.41320
Evaporation Residue	0-0.01 (%)	0.00000 %
Purity(sum of enantiomers)(GC)	99-100 (%)	99.04600 %
Specific Rotation [α] _{20/D} (c=Neat)	9.5-11.5 (°)	9.61000 °
Appearance (E104553)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager