

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-03 19:47:27
 Date of Next Testing: 2026-10-02 19:47:27
 Product Name: **(-)-Ethyl L-lactate**
 CAS Number: 687-47-8
 Specifications & Purity: $\geq 99\%$
 Lot #: L1416041
 SKU #: **E104554**
 Version: **0**
 Analysis #: **135052**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.46300 %
Refractive index n ₂₀ /D	1.412-1.414	1.41310
Density (20°C)	1.034-1.038	1.03600
Specific Rotation [α] ₂₀ /D(c=Neat)	-11.5--10 (°)	-11.47200 °
Appearance (E104554)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager