



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-12 09:02:12

Date of Next Testing: 2029-07-11 09:02:12

Product Name: (-)-Ethyl L-lactate

CAS Number: 687-47-8

Specifications & Purity: $\geq 99\%$

Lot #: G2504203

SKU #: E104554

Version: 0

Analysis #: 527476

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.412-1.414	1.41200
Purity(GC)	99-100 (%)	99.50000 %
Density (20°C)	1.034-1.038	1.03500
Specific Rotation [α] ₂₀ /D(c=Neat)	-11.5--10 (°)	-11.37300 °
Appearance (E104554)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager