

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-08 14:20:06

Date of Next Testing: 2029-02-07 14:20:06

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

CAS Number: 687-47-8

Specifications & Purity: $\geq 99\%$

Lot #: D2122235

SKU #: **E104554**

Version: **0**

Analysis #: **468076**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.08000 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-11.5--10 (°)	-10.20000 °
Refractive index $n_{20/D}$	1.412-1.414	1.41300
Density (20°C)	1.034-1.038	1.03500
Appearance (E104554)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager