

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-17 16:43:21

Date of Next Testing: 2029-09-16 16:43:21

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

CAS Number: 687-47-8

Specifications & Purity:  $\geq 99\%$

Lot #: L2103551

SKU #: **E104554**

Version: **0**

**Analysis #:** **572290**

Storage Temperature: Room temperature

| Parameter                                          | Limit Values          | Result                |
|----------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                         | 99-100 (%)            | 99.12000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$ | -11.5--10 (°)         | -10.90000 °           |
| 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