

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-15 16:22:36

Date of Next Testing: 2029-03-14 16:22:36

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

CAS Number: 687-47-8

Specifications & Purity:  $\geq 99\%$

Lot #: C2512434

SKU # **E104554**

Version **0**

**Analysis #:** **386795**

Storage Temperature: Room temperature

| Parameter                                      | Limit Values          | Result                |
|------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                     | 99-100 (%)            | 99.58000 %            |
| Refractive index n <sub>20</sub> /D            | 1.412-1.414           | 1.41290               |
| Density (20°C)                                 | 1.034-1.038           | 1.03410               |
| Specific Rotation [α] <sub>20</sub> /D(c=Neat) | -11.5--10 (°)         | -10.60000 °           |
| Appearance (E104554)                           | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager