

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-24 14:41:09  
 Date of Next Testing: 2028-01-23 14:41:09  
 Product Name: **Ethyl lactate**  
 CAS Number: 97-64-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2417356  
 SKU #: **E108230**  
 Version: **1**  
 Analysis #: **312902**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 99.60300 %                       |
| Density (20°C)                      | 1.033-1.037                      | 1.03420                          |
| Refractive index n <sub>20</sub> /D | 1.411-1.414                      | 1.41300                          |
| Appearance (E108230)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |



John Su  
QA & QC Manager