

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-14 15:42:33

Date of Next Testing: 2028-12-13 15:42:33

Product Name: **Sodium lactate**

CAS Number: 867-56-1

Specifications & Purity:  $\geq 98\%$

Lot #: L2409563

SKU #: **S108838**

Version: **1**

Analysis #: **442084**

| Parameter                                                       | Limit Values             | Result                   |
|-----------------------------------------------------------------|--------------------------|--------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$ | -13--12 (°)              | -12.39 °                 |
| Water by Karl Fischer                                           | 0-1 (%)                  | 0.74 %                   |
| Assay                                                           | 98-100 (%)               | 99.98 %                  |
| Appearance (S108838)                                            | colorless or white solid | colorless or white solid |
| Enantiomeric Ratio(enzymatic)                                   | $\geq 99:1$              | $\geq 99:1$              |
| Infrared spectrum                                               | Conforms to structure    | Conforms to Structure    |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager