

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-27 16:34:40

Date of Next Testing: 2029-05-26 16:34:40

Product Name: **Sodium lactate**

CAS Number: 867-56-1

Specifications & Purity: $\geq 98\%$

Lot #: E2521059

SKU #: **S108838**

Version: **1**

Analysis #: **456082**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-13--12 (°)	-12.42800 °
Water by Karl Fischer	0-1 (%)	0.70950 %
Assay	98-100 (%)	99.96700 %
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



John Su
QA & QC Manager