

Certificate of Analysis

Date of Testing: 2025-04-15 14:57:33

Date of Next Testing: 2029-04-14 14:57:33

Product Name: **Sodium lactate**

CAS Number: 867-56-1

Specifications & Purity: $\geq 98\%$

Lot #: D2514427

SKU #: **S108838**

Version: **1**

Analysis #: **489929**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-13--12 (°)	-12.27 °
Water by Karl Fischer	0-1 (%)	0.82 %
Assay	98-100 (%)	99.99 %
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