

Certificate of Analysis

Date of Testing: 2024-12-14 15:43:48

Date of Next Testing: 2028-12-13 15:43:48

Product Name: **Sodium lactate**

CAS Number: 867-56-1

Specifications & Purity: $\geq 98\%$

Lot #: L2409591

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



John Su
QA & QC Manager