

## Certificate of Analysis

Date of Testing: 2023-06-21 16:45:25  
Date of Next Testing: 2027-06-20 16:45:25  
Product Name: **Sodium lactate**  
CAS Number: 867-56-1  
Specifications & Purity: 98%  
Lot #: F2306537  
SKU #: **S108838**  
Analysis: **221984**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.80 %
Assay	98-100 (%)	99.96 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-13--12 (°)	-12.19 °
Appearance (S108838)	colorless or white solid	colorless or white solid
Enantiomeric Ratio(enzymatic)	≥99:1	≥99:1
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager