

Certificate of Analysis

Date of Testing: 2024-06-04 09:35:52
Date of Next Testing: 2028-06-03 09:35:52
Product Name: **Sodium lactate**
CAS Number: 867-56-1
Specifications & Purity: 98%
Lot #: E2422488
SKU #: **S108838**
Version: **1**
Analysis #: **356376**

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$ | -13--12 (°) | -12.07° |
| Assay | 98-100 (%) | 99.94% |
| Water by Karl Fischer | 0-1 (%) | 0.11% |
| 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 |



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