

Certificate of Analysis

Date of Testing: 2023-04-17 14:01:29
Date of Next Testing: 2025-04-16 14:01:29
Product Name: **Lithium L-lactate**
CAS Number: 27848-80-2
Specifications & Purity: $\geq 98.0\%$ (T)
Lot #: K2308025
SKU #: **L133140**
Analysis: **212458**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity(Titration by HClO ₄) | 97.5-102.5 (%) | 98.16 % |
| Lithium(Dry Basis) | 5.26-9.3 (%) | 6.75 % |
| Water by Karl Fischer | 0-2 (%) | 1.02 % |
| Specific Rotation [α] _{20/D} | -16--13 (°) | -14.60 ° |
| Appearance (L133140) | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , clear colorless , 100mg/ml in water | pass | Pass |



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