

Certificate of Analysis

Date of Testing: 2023-02-09 09:12:02
Date of Next Testing: 2025-02-08 09:12:02
Product Name: **Lithium L-lactate**
CAS Number: 27848-80-2
Specifications & Purity: $\geq 98.0\%$ (T)
Lot #: D2121037
SKU #: **L133140**
Analysis: 184964
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.20%
Lithium(Dry Basis)	5.26-9.3 (%)	7.25%
Water by Karl Fischer	0-2 (%)	1.20%
Specific Rotation [α] _{20/D}	-16--13 (°)	-14.50°
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



John Su
QA & QC Manager