

Certificate of Analysis

Date of Testing: 2024-03-12 16:46:06

Date of Next Testing: 2026-03-12 16:46:06

Product Name: **Lithium L-lactate**

CAS Number: 27848-80-2

Specifications & Purity: $\geq 98.0\%$ (T)

Lot #: B2429044

SKU #: **L133140**

Analysis: **001830**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.56 %
Lithium(Dry Basis)	5.26-9.3 (%)	7.10 %
Water by Karl Fischer	0-2 (%)	0.35 %
Specific Rotation [α] _{20/D}	-16--13 (°)	-13.85 °
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