

Certificate of Analysis

Date of Testing: 2024-01-29 17:08:38
Date of Next Testing: 2026-01-28 17:08:38
Product Name: **Lithium L-lactate**
CAS Number: 27848-80-2
Specifications & Purity: $\geq 98.0\%$ (T)
Lot #: A2426063
SKU #: **L133140**
Analysis: **011020**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.33%
Lithium(Dry Basis)	5.26-9.3 (%)	9.29%
Water by Karl Fischer	0-2 (%)	0.26%
Specific Rotation [α] _{20/D}	-16--13 (°)	-14.30°
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