

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 11:35:18
 Date of Next Testing: 2027-06-17 11:35:18
 Product Name: **Lithium L-lactate**
 CAS Number: 27848-80-2
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: F2509093
 SKU #: **L133140**
 Version: **0**
 Analysis #: **531406**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.55800 %
Lithium(Dry Basis)	5.26-9.3 (%)	7.09800 %
Water by Karl Fischer	0-2 (%)	0.35400 %
Specific Rotation [α] _{20/D}	-16--13 (°)	-13.85000 °
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