

Certificate of Analysis

Date of Testing: 2025-06-04 17:09:38

Date of Next Testing: 2029-06-03 17:09:38

Product Name: **L-Lactic Acid**

CAS Number: 79-33-4

Specifications & Purity: Moligand™, ≥98%(T)

Lot #: E2522057

SKU #: **L118493**

Version: **1**

Analysis #: **402929**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-100 (%)	98.00 %
Water by Karl Fischer	0-2 (%)	1.30 %
Specific Rotation [α] _{20/D} (c=2.5,1.5M,NaOH)	-15~-10 (°)	-13.90000 °
Appearance (L118493)	white to off-white crystalline powder	white to off-white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager