

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-07-22 12:12:46
Date of Next Testing: 2029-07-21 12:12:46
Product Name: **L-Lactic Acid**
CAS Number: 79-33-4
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: G2521390
SKU #: **L118493**
Version: **1**
Analysis #: **546769**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-100 (%)	100.00000 %
Water by Karl Fischer	0-2 (%)	0.23000 %
Specific Rotation [α] _{20/D} (c=2.5, 1.5M, NaOH)	-15~-10 (°)	-12.10000 °
Appearance (L118493)	White to off-white crystalline solid	White to off-white crystalline solid
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