

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

Certificate of Analysis

Date of Testing: 2024-12-11 19:13:46
Date of Next Testing: 2028-12-10 19:13:46
Product Name: **L-Lactic Acid**
CAS Number: 79-33-4
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: L2410451
SKU #: **L118493**
Version: **1**
Analysis #: **448414**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-100 (%)	99.40000 %
Water by Karl Fischer	0-2 (%)	0.30000 %
Specific Rotation [α] _{20/D} (c=2.5, 1.5M, NaOH)	-15~-10 (°)	-14.70000 °
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