

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 16:00:31
 Date of Next Testing: 2029-11-06 16:00:31
 Product Name: **L-Lactic Acid**
 CAS Number: 79-33-4
 Specifications & Purity: Moligand™, ≥98%(T)
 Lot #: K2506551
 SKU #: **L118493**
 Version: **1**
 Analysis #: **604806**
 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 (%)	0.40000 %
Specific Rotation [α] _{20/D} (c=2.5,1.5M,NaOH)	-15~-10 (°)	-13.70000 °
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