

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-11 19:13:20
Date of Next Testing: 2028-12-10 19:13:20
Product Name: **L-Lactic Acid**
CAS Number: 79-33-4
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: L2410452
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 (%) | 99.40% |
| Water by Karl Fischer | 0-2 (%) | 0.30% |
| 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