

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-15 09:31:44  
Date of Next Testing: 2030-04-14 09:31:44  
Product Name: **D-Lactic Acid**  
CAS Number: 10326-41-7  
Specifications & Purity: Moligand™, ≥90%(T)  
Lot #: D2613343  
SKU #: **S161106**  
Version: **0**  
Analysis #: **688379**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.428-1.432	1.42850
Specific Rotation [α] <sub>20</sub> /D(c=2.5 in 1.5mol/L NaOH sol.)	10-15 (°)	12.20000°
Purity(Neutralization titration)	90-110 (%)	90.30000%
Appearance (S161106)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager