

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-23 15:19:58

Date of Next Testing: 2029-05-22 15:19:58

Product Name: **D-Lactic Acid**

CAS Number: 10326-41-7

Specifications & Purity: Moligand™, ≥90%(T)

Lot #: E2520548

SKU #: **S161106**

Version: **0**

Analysis #: **507564**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.428-1.432	1.43
Specific Rotation [α] ₂₀ /D(c=2.5 in 1.5mol/L NaOH sol.)	10-15 (°)	12.10°
Purity(Neutralization titration)	90-110 (%)	90.50 %
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