

## Certificate of Analysis

Date of Testing: 2023-06-06 12:12:59  
Date of Next Testing: 2027-06-05 12:12:59  
Product Name: **L-Lactic Acid**  
CAS Number: 79-33-4  
Specifications & Purity: 80%  
Lot #: E2329153  
SKU #: **L107595**  
**Analysis:** **235950**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2.5 in 1.5mol/L NaOH sol.)	-15--10 (°)	-10.39°
Assay(Titration by HCL)	80-100 (%)	90.50%
Appearance (L107595)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager