

## Certificate of Analysis

Date of Testing: 2024-10-15 10:53:31  
Date of Next Testing: 2028-10-14 10:53:31  
Product Name: **L-(-)-Lactide**  
CAS Number: 4511-42-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2411738  
SKU #: **S161079**  
Version: **0**  
Analysis #: **408726**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Melting point	96-99 ( $^{\circ}\text{C}$ )	97.18000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in Toluene})$	-300--280 ( $^{\circ}$ )	-297.30 $^{\circ}$
Purity(GC)	98-100 (%)	99.37 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager