

Certificate of Analysis

Date of Testing: 2025-01-21 11:33:22
Date of Next Testing: 2029-01-20 11:33:22
Product Name: **L-(-)-Lactide**
CAS Number: 4511-42-6
Specifications & Purity: $\geq 98\%$
Lot #: A2510449
SKU #: **S161079**
Version: **0**
Analysis #: **455374**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	96-99 ($^{\circ}\text{C}$)	96.84000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=1 in Toluene)	-300--280 ($^{\circ}$)	-285.88 $^{\circ}$
Purity(GC)	98-100 (%)	98.62 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager