

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-21 11:21:32
 Date of Next Testing: 2029-06-20 11:21:32
 Product Name: **Poly(L-lactide)**
 CAS Number: 33135-50-1
 Specifications & Purity: ester terminated , Viscosity 2.6~3.2dL/g (0.1% in CHCl₃, 25 °C)
 Lot #: F2520658
 SKU #: **P299052**
 Version: **0**
 Analysis #: **531089**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Tin(Sn)	0-60 (ppm)	15.00000 ppm
Water by Karl Fischer	0-0.5 (%)	0.22000 %
Sulfate Ash	0-0.1 (%)	0.10000 %
Inherent Viscosity(0.1% in CHCl ₃ , 25°C)	2.6-3.2 (DL/G)	2.90000 DL/G
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	27.00000 ppm
Residual monomers L-Lactid (GC)	0-0.1 (%)	0.02500 %
Heavy metals	0-10 (ppm)	8.00000 ppm
Appearance (P299052)	White to Off-White Powder or Granules	White to Off-White Powder or Granules
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager