

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-28 17:12:27

Date of Next Testing: 2027-05-28 17:12:27

Product Name: **Poly(L-lactide)**

CAS Number: 33135-50-1

Specifications & Purity: ester terminated, Characteristic viscosity: 0.8-1.2 dL/g (0.1% in CHCL3 at 25°C)

Lot #: E2421354

SKU #: **P477738**

Version: **2**

Analysis #: **358660**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Viscosity(0.1 % (w/v) in chloroform(25 °C))	0.8-1.2 (dL/g)	1.10000 DL/G
Tin(Sn)	0-60 (ppm)	14.00 ppm
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	25.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.31 %
Sulphated ash	0-0.1 (%)	0.10000 %
Residual monomers	0-0.1 (%)	0.02 %
Appearance(P477738)	White to Off White Granules	White to Off White Granules
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager