

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-28 17:19:03

Date of Next Testing: 2027-05-28 17:19:03

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

CAS Number: 33135-50-1

Specifications & Purity: ester terminated , Intrinsic viscosity : 3.3-4.3 dL/g (0.1% in CHCL3 at 25°C)

Lot #: E2423084

SKU #: **P477740**

Version: **1**

Analysis #: **358658**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Viscosity(0.1 % (w/v) in chloroform(25 °C))	3.3~4.3 (dL/g)	4.00000 DL/G
Tin(Sn)	0-60 (ppm)	15.00 ppm
Residual SolventsToluene	0-890 (ppm)	26.00000 ppm
ASSAY (GC,L-LACTID)	0-0.1 (%)	0.02000 %
Water by Karl Fischer	0-0.5 (%)	0.25 %
Sulfated Ash	0-0.1 (%)	0.10000 %
Appearance(P477740)	White to Off White Granules	White to Off White Granules
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager