

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-09 09:02:15
 Date of Next Testing: 2028-12-08 09:02:15
 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 #: K2528378
 SKU # **P477740**
 Version **1**
 Analysis #: **610223**
 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)	3.60000 DL/G
Tin(Sn)	0-60 (ppm)	17.00 ppm
Residual SolventsToluene	0-890 (ppm)	20.00000 ppm
ASSAY (GC,L-LACTID)	0-0.1 (%)	0.00200 %
Water by Karl Fischer	0-0.5 (%)	0.30 %
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