

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-10-09 14:13:33
Date of Next Testing: 2028-10-08 14:13:33
Product Name: **Poly(L-lactide)**
CAS Number: 33135-50-1
Specifications & Purity: ester terminated
Lot #: I2425565
SKU #: **S59760**
Version: **0**
Analysis #: **416909**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metals	0-10 (ppm)	9.00 ppm
Tin(Sn)	0-60 (ppm)	15.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.22 %
Sulfate Ash	0-0.1 (%)	0.10 %
Inherent Viscosity(0.1% in CHCl ₃ , 25°C)	2.6-3.2 (DL/G)	2.90 DL/G
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	27.00 ppm
Residual monomers L-Lactid (GC)	0-0.1 (%)	0.03 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S59760)	White to Off-White Powder or Granules	White to Off-White Powder or Granules

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

