

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-10 13:13:28

Date of Next Testing: 2028-06-10 13:13:28

Product Name: **Poly(D,L-lactide-co-glycolide)**

CAS Number: 26780-50-7

Specifications & Purity: ester terminated,lactide:glycolide 75:25,Mw 76000-115000

Lot #: D2510101

SKU #: **V30206**

Version: **0**

Analysis #: **501194**

Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Total Residual Solvents	0-0.1 (%)	0.01 %
Heavy metals	0-10 (ppm)	8.00 ppm
D,L-Lactide(Quantitative NMR)	73-77 (Mole%)	76.00 Mole%
Tin(Sn)	0-100 (ppm)	23.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.49 %
D,L-Lactide(GC)	0-0.5 (wt%)	0.04 wt%
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.7-1 (DL/G)	0.87 DL/G
Glycolide(GC)	0-0.5 (wt%)	0.10 wt%
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	42.00 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)	0.00 %
Glycolide(Quantitative NMR)	23-27 (Mole%)	24.00 Mole%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(V30206)	White to off-white solid	White to off-white solid

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

