

## Certificate of Analysis

Date of Testing: 2024-07-22 11:36:48  
Date of Next Testing: 2026-07-22 11:36:48  
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 #: G2412558  
SKU #: **P134386**  
Version: **0**  
Analysis #: **377911**  
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Total Residual Solvents	0-0.1 (%)	0.00 %
D,L-Lactide(Quantitative NMR)	73-77 (Mole%)	76.00 Mole%
Tin(Sn)	0-100 (ppm)	19.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.32 %
Inherent Viscosity(0.1% in CHCl <sub>3</sub> ,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)	41.00 ppm
Sulfate Ash	0-0.1 (%)	0.10 %
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)	0.00 %
Glycolide(Quantitative NMR)	23-27 (Mole%)	24.00 Mole%
D,L-Lactide(GC)	0-0.5 (wt%)	0.06 wt%
Heavy metals	0-10 (ppm)	9.50 ppm
Appearance (P134386)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager