

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-22 11:40:23
Date of Next Testing:	2026-07-22 11:40:23
Product Name:	<b>Poly(D,L-lactide-co-glycolide)</b>
CAS Number:	26780-50-7
Specifications & Purity:	ester terminated,lactide:glycolide 75:25,Mw 76000-115000
Lot #:	G2412559
SKU #	<b>P134386</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>377911</b>
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