

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-09-19 08:56:30
Date of Next Testing:	2027-09-19 08:56:30
Product Name:	Poly(D,L-lactide-co-glycolide) (PLGA)
CAS Number:	26780-50-7
Specifications & Purity:	ester terminated,lactide:glycolide 75:25,Mw 76000-115000
Lot #:	I2515684
SKU #	P134386
Version	0
Analysis #:	565141
Storage Temperature:	Store at -20°C,Argon charged

Parameter	Limit Values	Result
Total Residual Solvents	0-0.1 (%)	0.01 %
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 %
D,L-Lactide(GC)	0-0.5 (wt%)	0.06 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)	41.00 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%
Heavy metals	0-10 (ppm)	10.00 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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager