

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-23 13:23:53
 Date of Next Testing: 2027-08-23 13:23:53
 Product Name: **Poly(D,L-lactide-co-glycolide) (PLGA)**
 CAS Number: 26780-50-7
 Specifications & Purity: lactide:glycolide 50:50,Mw 38000-54000
 Lot #: H2515069
 SKU #: **P665685**
 Version: **1**
 Analysis #: **360391**
 Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Inherent Viscosity	0.35-0.45 (DL/G)	0.45000 DL/G
Glycolide(Quantitative	45-55 (Mole%)	49.00000 Mole%
NMR)		
D,L-	45-55 (Mole%)	51.00000 Mole%
Lactide(Quantitative		
NMR)		
Appearance(P665685)	White to Off White to to Light Yellow to yellow-brown Powder,Pellets	White to Off White to to Light Yellow to yellow-brown Powder,Pellets
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager