

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-06-28 09:31:10
Date of Next Testing:	2028-06-27 09:31:10
Product Name:	<b>Poly(D,L-lactide-co-glycolide)</b>
CAS Number:	26780-50-7
Specifications & Purity:	ester terminated, lactide:glycolide 85:15, Mw 190000-240000
Lot #:	F2421016
SKU #	<b>P134385</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>005077</b>
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Glycolide(Quantitative NMR)	13-17 (Mole%)	15.00 Mole%
Residual solvents(GLC-HS) (toluene)	0-890 (ppm)	20.00 ppm
Glycolide(GC)	0-0.5 (wt%)	0.17 wt%
D,L-Lactide(Quantitative NMR)	83-87 (Mole%)	85.00 Mole%
D,L-Lactide(GC)	0-0.5 (wt%)	0.00 wt%
Water by Karl Fischer	0-0.5 (%)	0.31 %
Tin(Sn)	0-100 (ppm)	37.00 ppm
Inherent Viscosity(0.1% in CHCl <sub>3</sub> , 25°C)	1.3-1.7 (DL/G)	1.50 DL/G
Heavy metals	0-10 (ppm)	0.60 ppm
Total Residual Solvents	0-0.1 (%)	0.00 %
Residual Solvents(Acetone)(GLC- HS)	0-0.1 (%)	0.00 %
Appearance (P134385)	White to Off-white Fluffy to Fibrous Substance	White to Off-white Fluffy to Fibrous Substance
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