

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-08-05 14:30:53
Date of Next Testing:	2026-08-04 14:30:53
Product Name:	Poly(L-lactide-co-glycolide)
CAS Number:	30846-39-0
Specifications & Purity:	ester terminated, Lactide: Glycolide 82:18
Lot #:	H2204062
SKU #	P299054
Analysis:	102161
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Tin(Sn)	0-60 (ppm)	15.00 ppm
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	5.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.22 %
Sulfate Ash	0-0.1 (%)	0.10 %
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	1.7-2.6 (DL/G)	2.20 DL/G
Glycolide(Quantitative NMR)	15-21 (Mole%)	18.00 Mole%
L-Lactide(GC)	0-1 (wt%)	0.04 wt%
L-Lactide(Quantitative NMR)	78-85 (Mole%)	82.00 Mole%
Glycolide(GC)	0-1 (wt%)	0.11 wt%
Heavy metals	0-10 (ppm)	9.00 ppm
Appearance (P299054)	White to Off-White Powder or Granules	White to Off-White Powder or Granules
Odor (almost odorless)	pass	Pass
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