

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-26 10:30:16
 Date of Next Testing: 2030-05-25 10:30:16
 Product Name: **Poly(L-lactide-co-glycolide)**
 CAS Number: 30846-39-0
 Specifications & Purity: ester terminated, Lactide: Glycolide 85:15
 Lot #: H2212228
 SKU #: **P299055**
 Version: **0**
 Analysis #: **709357**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Glycolide(GC)	0-0.5 (wt%)	0.10000 wt%
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	5.00000 ppm
L-Lactide(GC)	0-0.5 (wt%)	0.03500 wt%
Heavy metal (as Pb)	0-10 (ppm)	8.20000 ppm
Glycolide(Quantitative NMR)	12-18 (Mole%)	13.00000 Mole%
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	2.5-3.5 (DL/G)	3.00000 DL/G
L-Lactide(Quantitative NMR)	82-88 (Mole%)	83.00000 Mole%
Water by Karl Fischer	0-0.5 (%)	0.14000 %
Tin(Sn)	0-60 (ppm)	13.00000 ppm
Sulfate Ash	0-0.1 (%)	0.09800 %
Appearance (P299055)	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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager