

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-28 13:18:37
 Date of Next Testing: 2027-10-28 13:18:37
 Product Name: **Poly(D,L-lactide-co-glycolide)**
 CAS Number: 26780-50-7
 Specifications & Purity: lactide:glycolide 50:50,ester terminated,Mw 24000-38000
 Lot #: J2524762
 SKU #: **P133297**
 Version: **2**
 Analysis #: **591518**
 Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
D,L-Lactide(GC)	0-0.5 (wt%)	0.05000 wt%
D,L-Lactide(Quantitative NMR)	48-52 (Mole%)	51.00000 Mole%
Water by Karl Fischer	0-0.5 (%)	0.30000 %
Tin(Sn)	0-100 (ppm)	41.00000 ppm
Total Residual Solvents	0-0.1 (%)	0.01000 %
Sulfate Ash	0-0.1 (%)	0.10000 %
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	100.00000 ppm
Glycolide(GC)	0-0.5 (wt%)	0.02500 wt%
Glycolide(Quantitative NMR)	48-52 (Mole%)	49.00000 Mole%
Acid Value	0-2 (mgKOH/g)	0.60000 mgKOH/g
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)	0.00000 %
Inherent Viscosity(0.5% in CHCl ₃ ,25°C)	0.32-0.44 (DL/G)	0.38000 DL/G
Heavy metals	0-10 (ppm)	8.00000 ppm
Appearance (P133297)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
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