

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-29 11:41:02
Date of Next Testing: 2028-05-28 11:41:02
Product Name: **Poly(D,L-lactide)**
CAS Number: 26680-10-4
Specifications & Purity: ester terminated, 0.55-0.75 dL/g
Lot #: E2427304
SKU #: **P299057**
Version: **0**
Analysis #: **044927**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)	0.00 %
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	19.00 ppm
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.55-0.75 (DL/G)	0.63 DL/G
Tin(Sn)	0-50 (ppm)	17.00 ppm
Sulfate Ash	0-0.1 (%)	0.06 %
Residual Solvents(total)(GLC-HS)	0-0.1 (%)	0.00 %
Heavy metals	0-10 (ppm)	6.65 ppm
D,L-Lactide(GC)	0-0.5 (wt%)	0.11 wt%
Water by Karl Fischer	0-0.5 (%)	0.24 %
Appearance (P299057)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager