

Certificate of Analysis

Date of Testing: 2023-07-14 09:00:17
 Date of Next Testing: 2027-07-13 09:00:17
 Product Name: **Poly(D,L-lactide)**
 CAS Number: 26680-10-4
 Specifications & Purity: ester terminated, 0.55-0.75 dL/g
 Lot #: 11926065
 SKU #: **P299057**
Analysis: **251451**
 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)	14.00 ppm
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.55-0.75 (DL/G)	0.64 DL/G
Tin(Sn)	0-50 (ppm)	17.00 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Residual Solvents(total)(GLC-HS)	0-0.1 (%)	0.00 %
Heavy metals	0-10 (ppm)	10.00 ppm
D,L-Lactide(GC)	0-0.5 (wt%)	0.09 wt%
Water by Karl Fischer	0-0.5 (%)	0.23 %
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