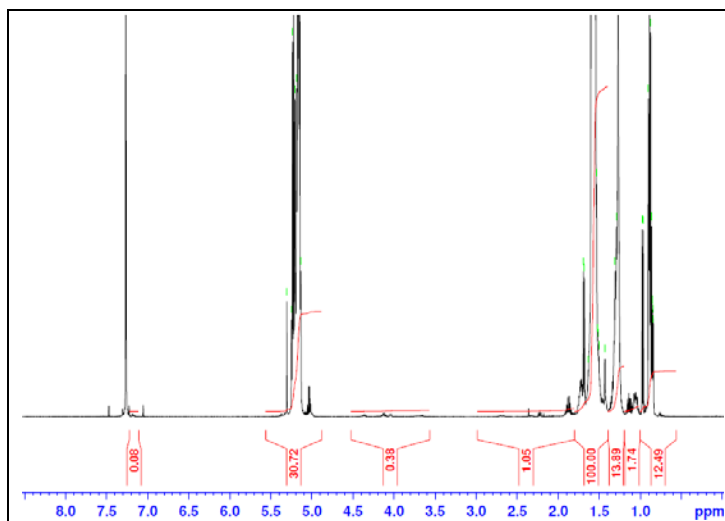
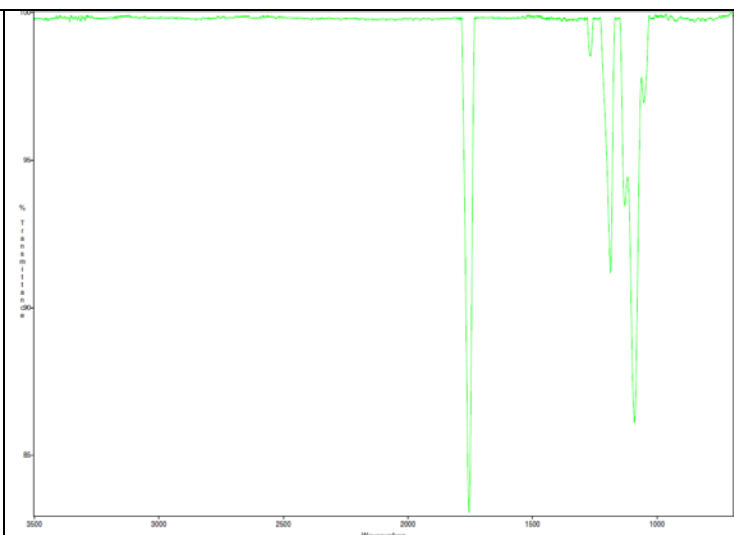


No. AP004 Certificate of Analysis

Product Name: Poly(DL-lactide) ester endcapped (Mn: 65,000-75,000 Da) (Lot#: 60122ELH-A)

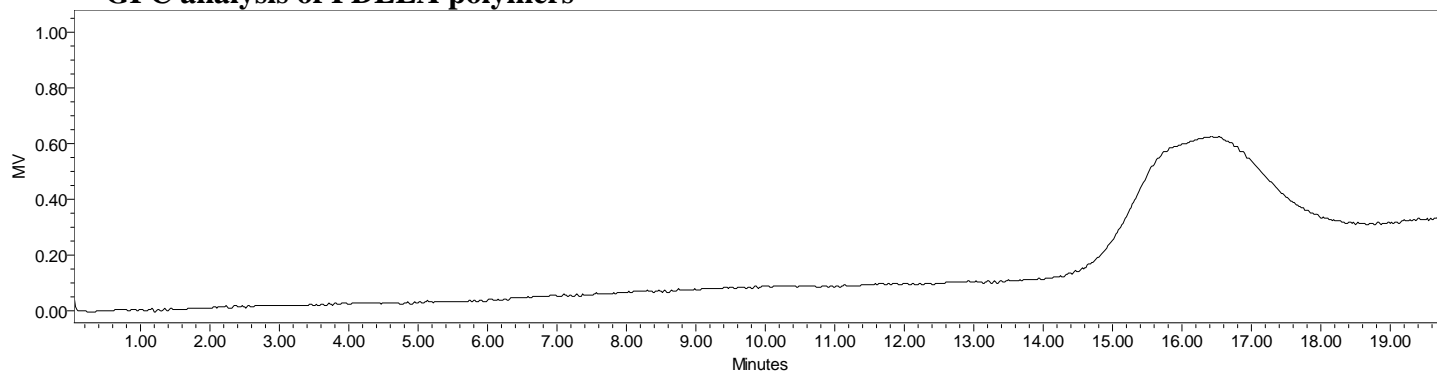


H-NMR Spectrum of PDLLA polymers in CDCl₃ (Varian Inova 500 MHz instrument)



FTIR Analysis: Collected from cast-film on salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

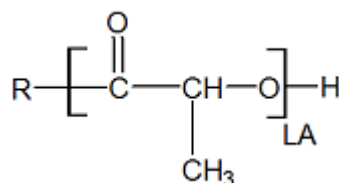
• GPC analysis of PDLLA polymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μ m columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PDLLA	70,177	137,118	1.95

• Structure of PDLLA polymers



Material provided for research use only. Not for human use.