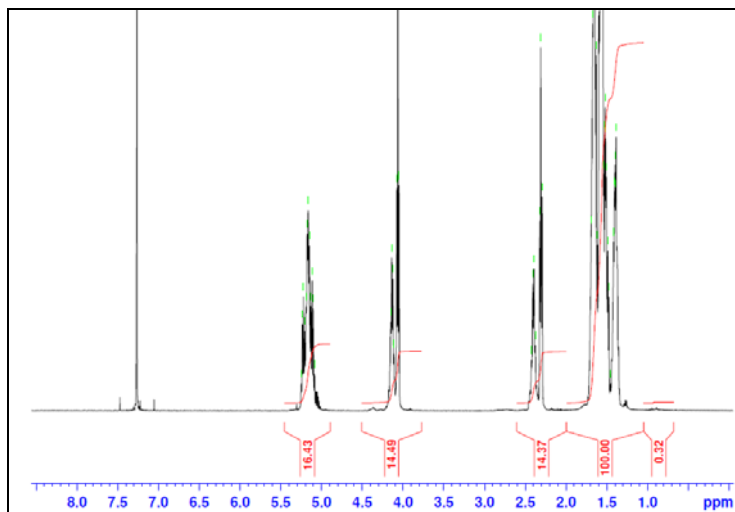


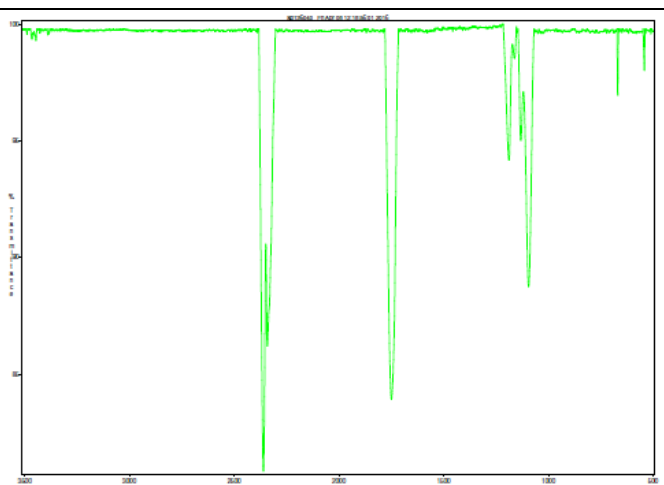
No. AP178

Certificate of Analysis

Product Name: Poly((D,L)Lactic-co-caprolactone) Copolymers acid end-capped (70:30 LA:CL, M_n : 15,000-25,000 Da) (Lot#: 60404JSG-A)

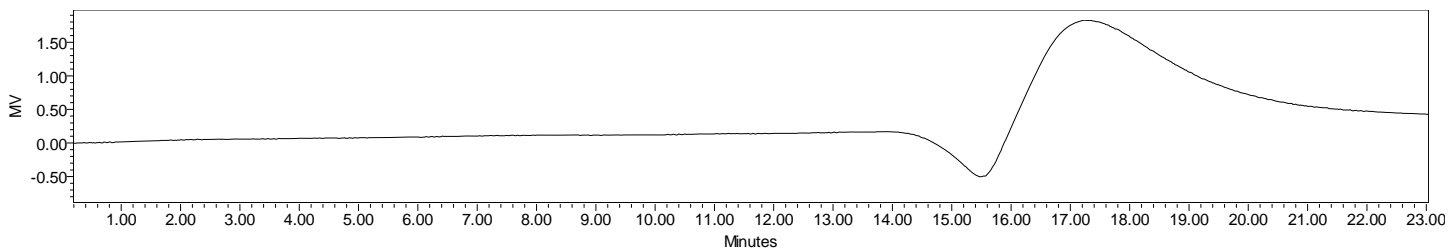


H-NMR Spectrum of PLCL copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLCL copolymers:
LA/CL = 69%/31% molar ratio (59%/41% w/w)



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

• GPC analysis of P(D,L)LaCL copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
P(D,L)LaCL	18,616	38,778	2.08

• Structure of P(D,L)LaCL copolymers

