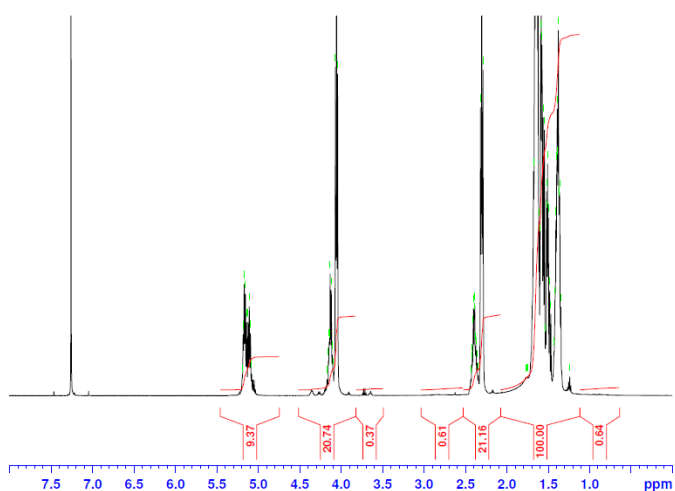


No. AP080

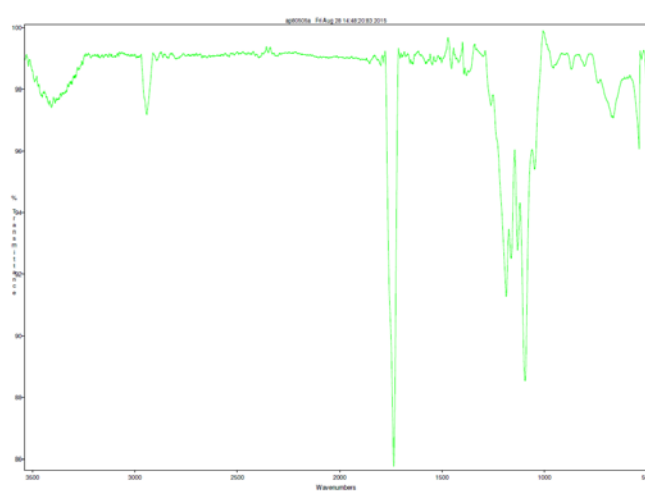
Certificate of Analysis



Product Name: Poly(L-Lactic-co-caprolactone) copolymers ester end-capped (50:50 LA:CL,
 M_n : 15,000-25,000 Da) (Lot#: 50805MLS)

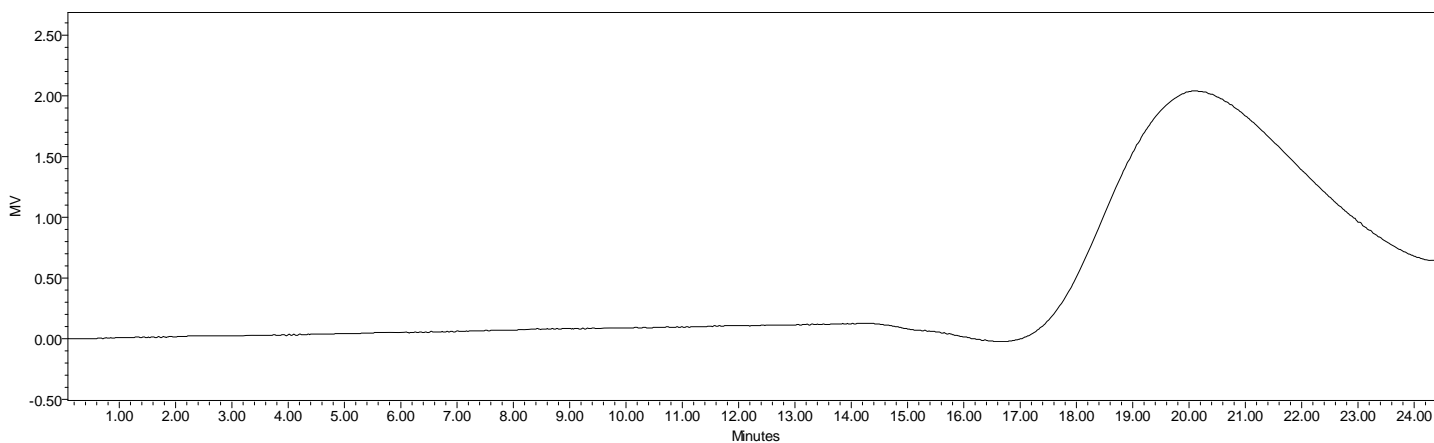


H-NMR Spectrum of P(L)LCL copolymers in $CDCl_3$ (Varian Inova 500 MHz instrument), NMR of P(L)LCL copolymers: LA/CL = 47%/53% molar ratio (36%/64% w/w)



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

• GPC analysis of P(L)LCL 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(L)LCL	15,070	22,890	1.52

• Structure of P(L)LCL copolymers

