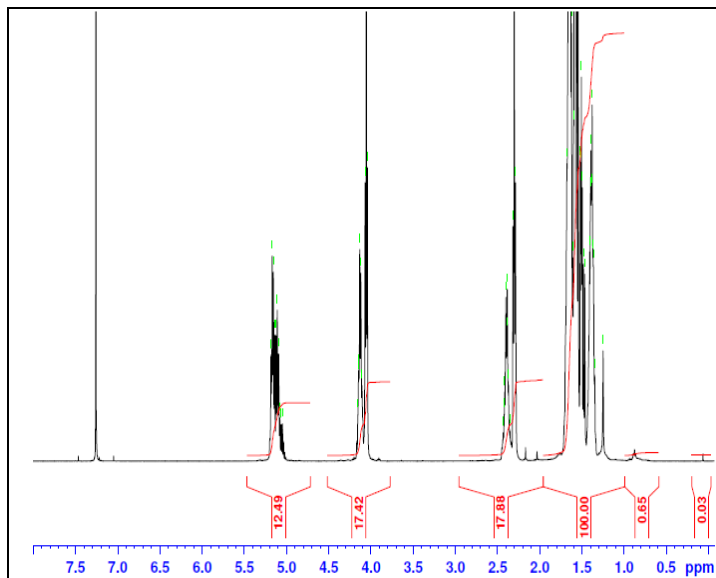


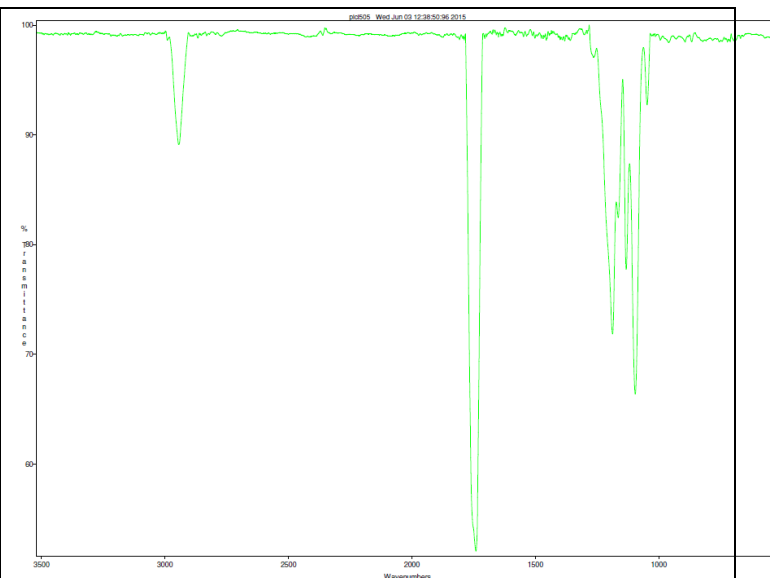
No. AP148

Certificate of Analysis

Product Name: Poly(L-Lactic-co-caprolactone) copolymers acid endcap (60:40 LA:CL w/w, Mn: 100,000 - 200,000 Da) (Lot#: 50522FAJ) REV:A

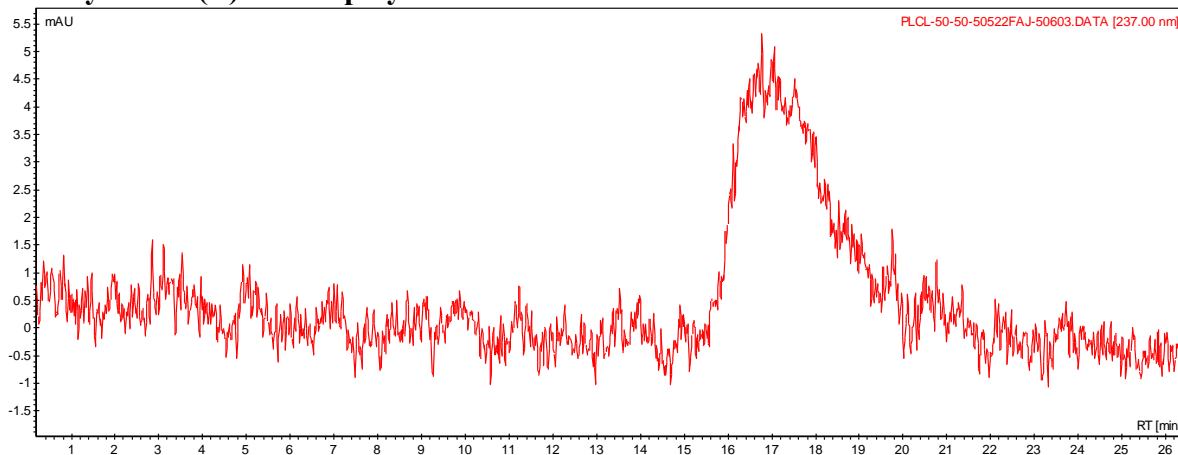


H-NMR Spectrum of P(L)LCL copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of P(L)LCL copolymers: LA/CL = 58%/42% molar ratio (47%/53% w/w)



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

• GPC analysis of P(L)LCL copolymers



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
P(L)LCL	131,182	200,192	1.53

• Structure of P(L)LCL copolymers

