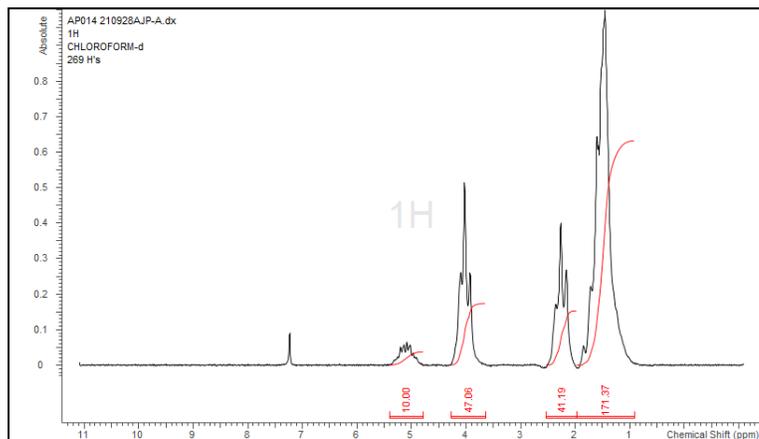


No. AP014

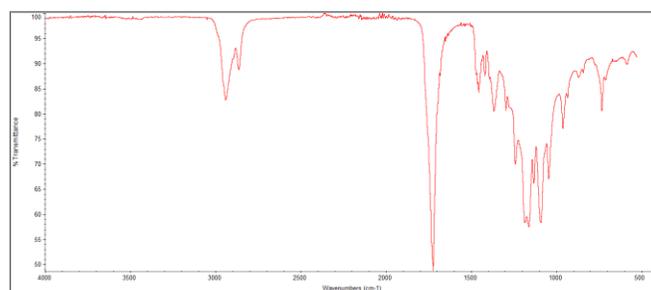
Certificate of Analysis



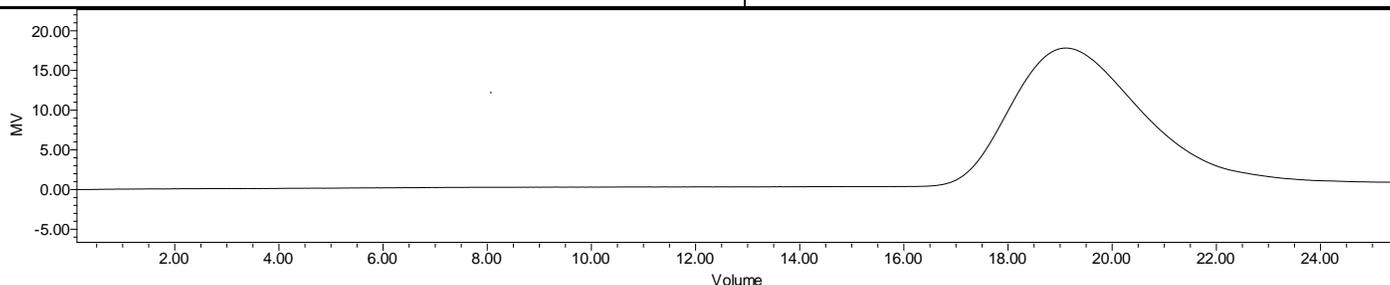
Product Name: Poly(L-Lactide-co-Caprolactone) Copolymer acid end-capped
(30:70 LA:CL, M_n : 35,000-45,000 Da) (Lot#: 210928AJP-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of P(L)LCL Copolymer: 30%-70% molar ratio (21%-79% w-w)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
P(L)LCL	36,409	52,378	1.44

• Structure of P(L)LCL copolymers

