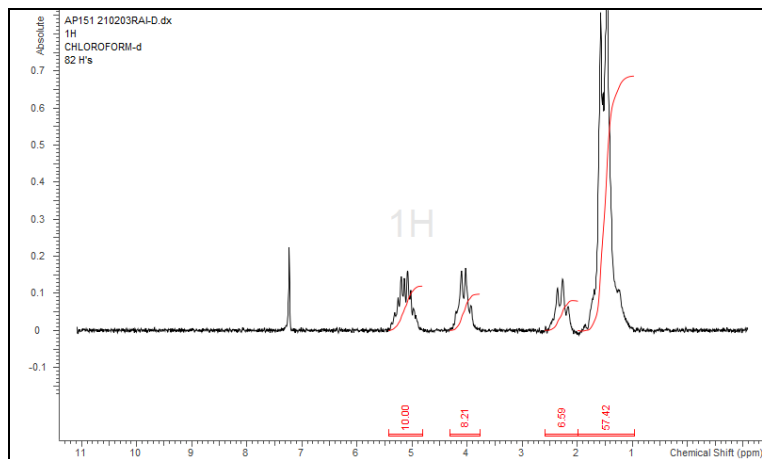


No. AP151

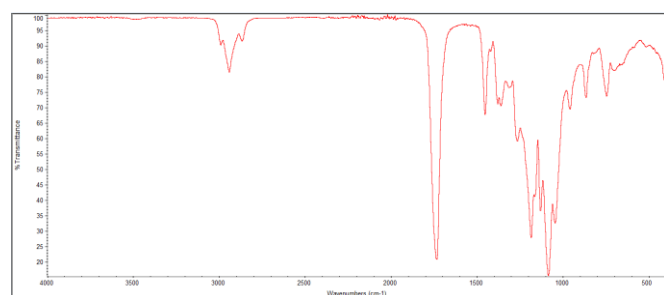
Certificate of Analysis



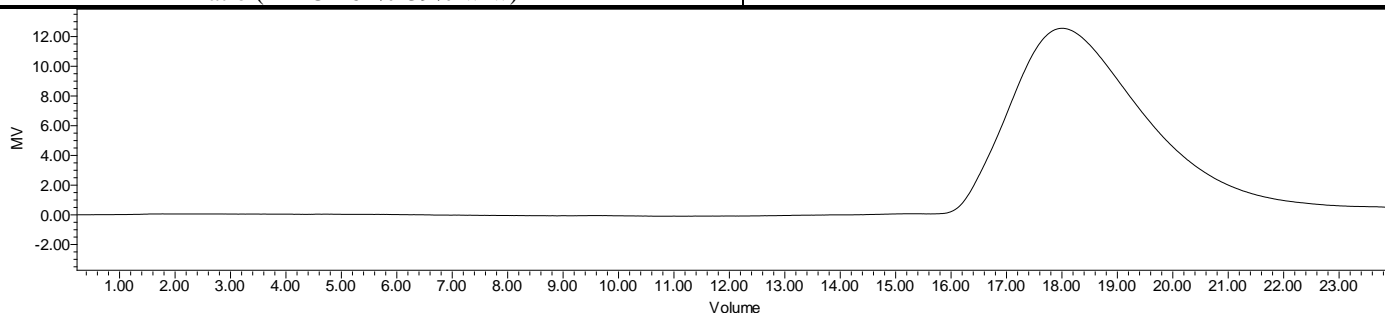
Product Name: Poly((D,L)Lactic-co-caprolactone) Copolymers acid end-capped (70:30 LA:CL, M_n : 75,000-85,000 Da) (Lot#: 210203RAI-D)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady 60e, Nanalysis) NMR of PLCL Copolymer: LA-CL = 71%-29% molar ratio (LA-CL 61%-39% w-w)



FTIR Analysis: Collected from Nicolet Avator 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(DL)LaCL	75,765	106,925	1.41

- Structure of P(D,L)LaCL copolymers

