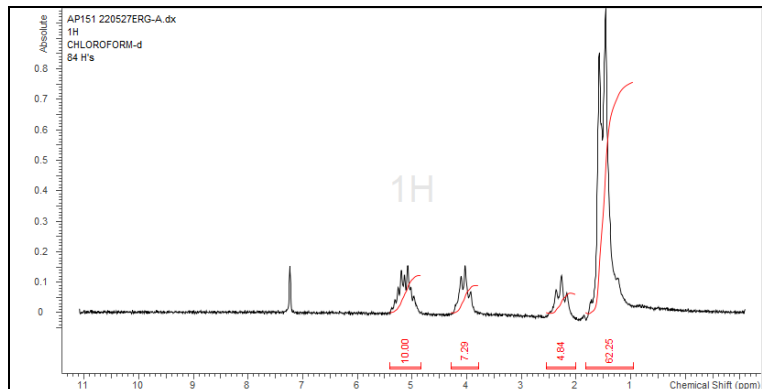


No. AP151

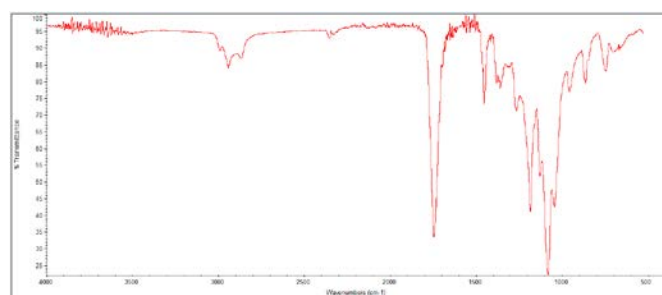
Certificate of Analysis



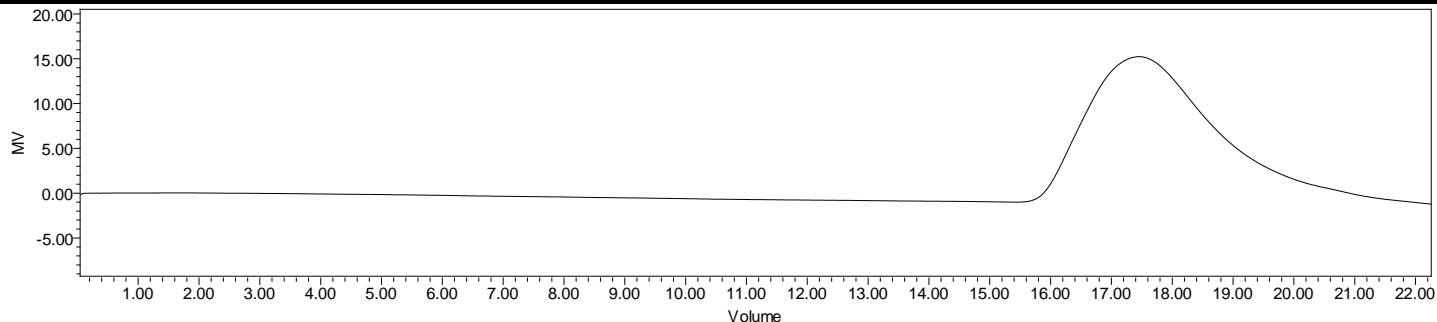
Product Name: Poly((D,L)Lactic-co-caprolactone) Copolymers acid end-capped (70:30 LA:CL, M_n : 75,000-85,000 Da) (Lot#: 220527ERG-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMRReady-60e, Nanalysis 60 MHz) NMR of PLCL Copolymer: LA:CL 73%:27% molar ratio (LA:CL 63%:37% 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
PLCL	83,451	143,951	1.72

- Structure of P(D,L)LaCL copolymers**

