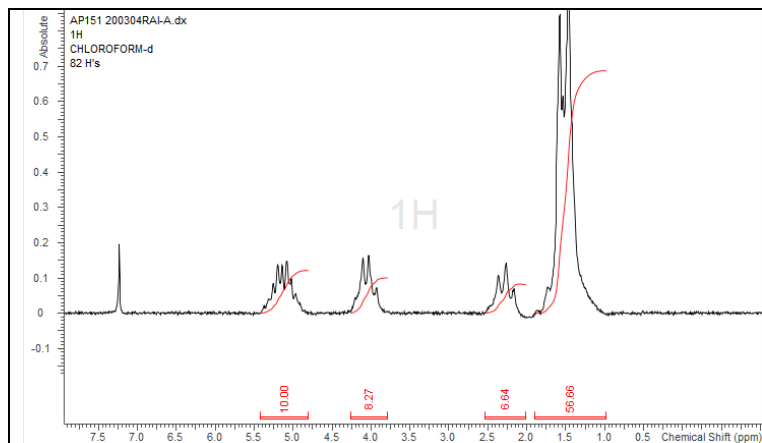


No. AP151

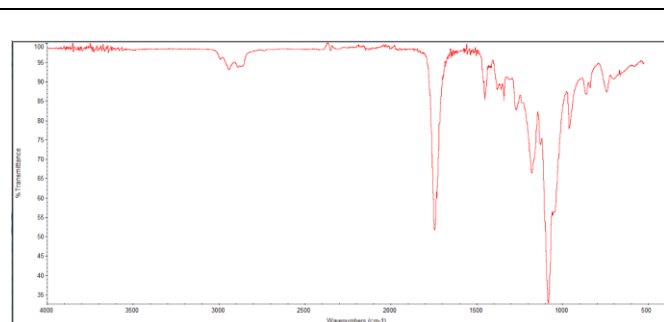
Certificate of Analysis



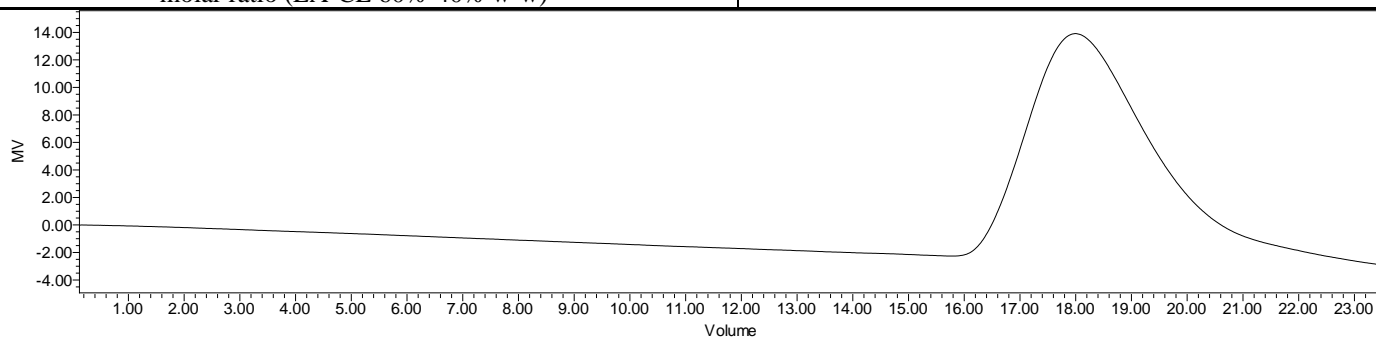
Product Name: Poly((D,L)Lactic-co-caprolactone) Copolymers acid end-capped (80:20 LA:CL, M_n : 75,000-85,000 Da) (Lot#: 200304RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLCL copolymer: LA-CL = 71%-29% molar ratio (LA-CL 60%-40% w-w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC 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(D,L)LaCL | 77,075 | 98,482 | 1.28 |

- Structure of P(D,L)LaCL copolymers

