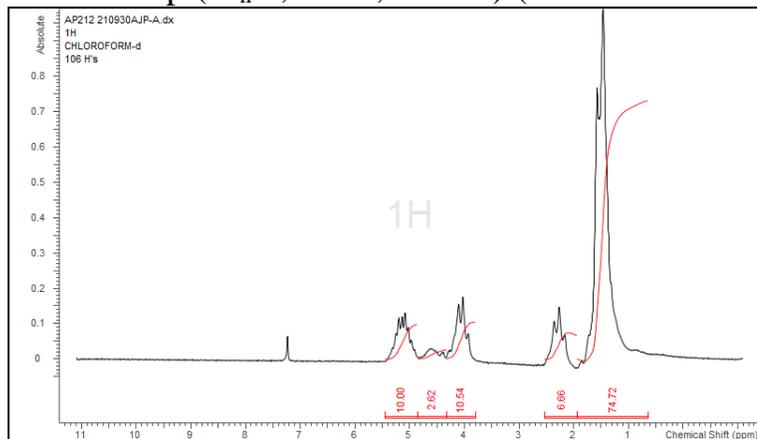


# No. AP212

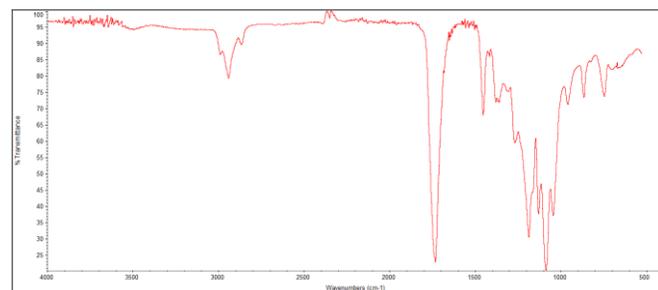
# Certificate of Analysis



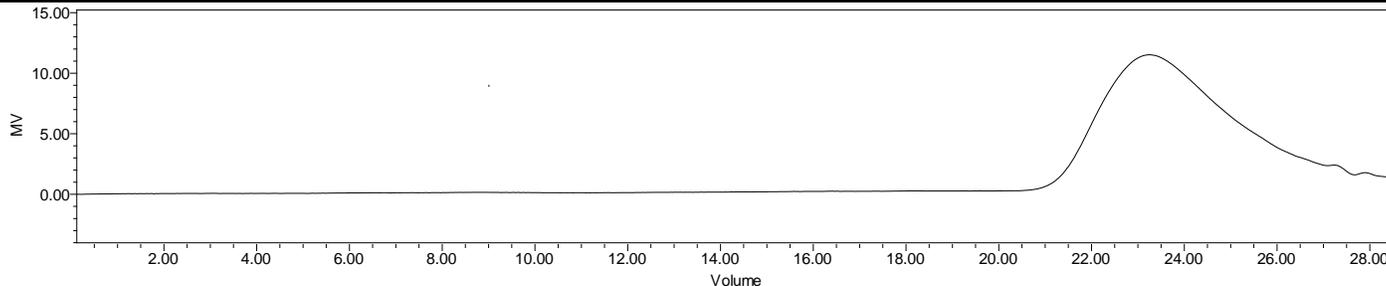
Product Name: Poly(DL-lactide-co-caprolactone) 70:30 LA:CL  
acid endcap ( $M_n$  1,000-5,000 Da) (Lot# 210930AJP-A)



H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (NMReady-60e, Nanalysis 60 MHz) NMR of P(DL)LCL Copolymer: 65%-35% LA-CL molar ratio (54%-46% 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(DL)LCL	1811	2767	1.53

- Structure of P(DL)LCL copolymers

