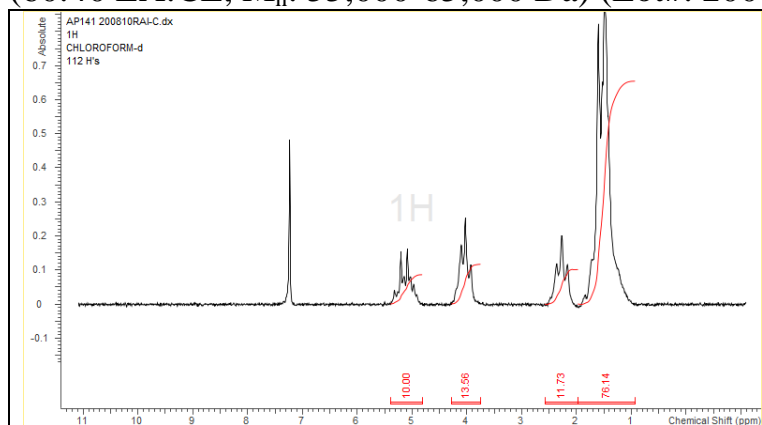


No. AP267

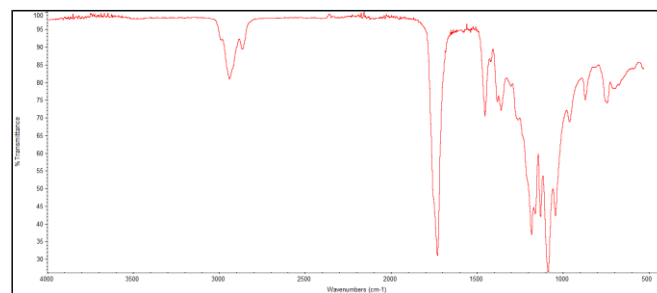
Certificate of Analysis



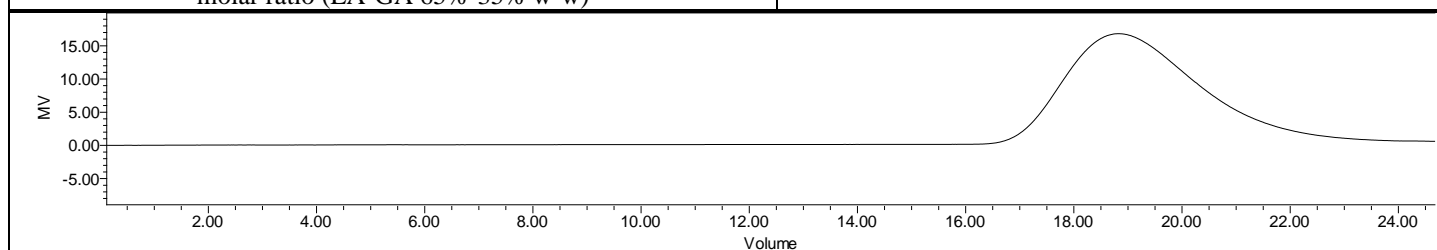
Product Name: Poly(L-Lactic-co-caprolactone) copolymers acid endcap
(60:40 LA:CL, M_n : 55,000-65,000 Da) (Lot#: 200810RAI-C)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 60%-40% molar ratio (LA-GA 65%-35% 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	59,877	72,027	1.20

Structure of P(L)LCL copolymers

