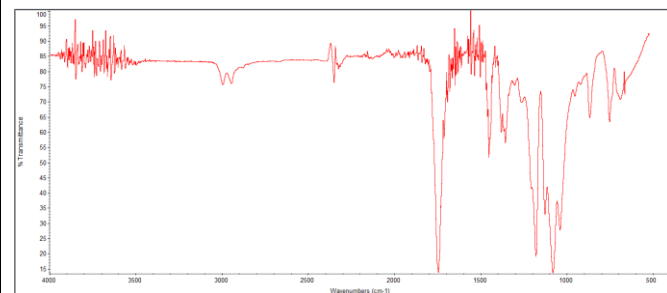
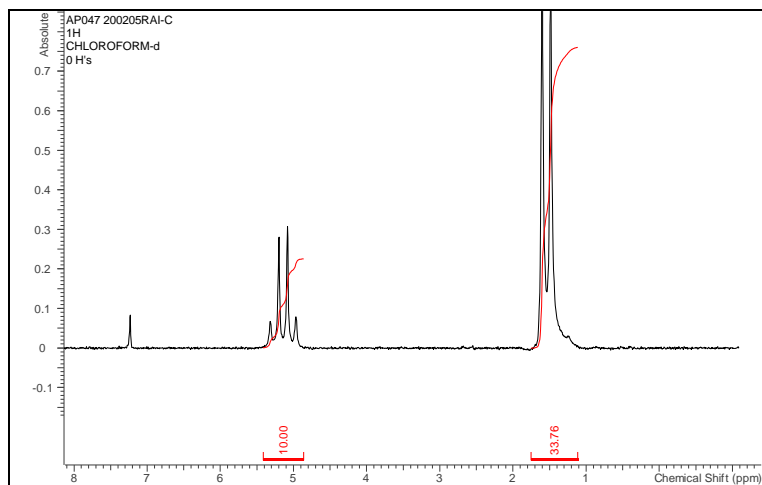


No. AP047

Certificate of Analysis

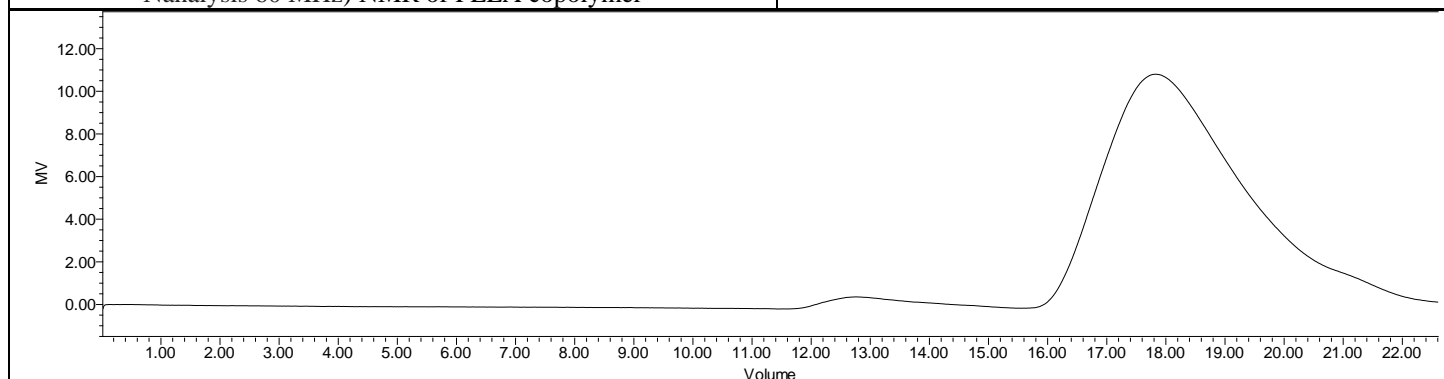


Product Name: Poly((L)Lactic acid) acid endcap (M_n : 45,000-55,000 Da)
(Lot#: 200205RAI-C)



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.

H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLLA copolymer



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
PLLA	52,530	100,254	1.91

- Structure of PLGA copolymers

