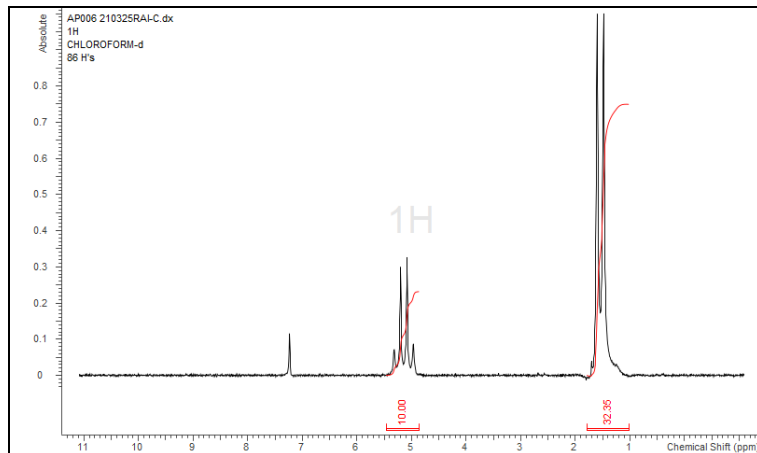


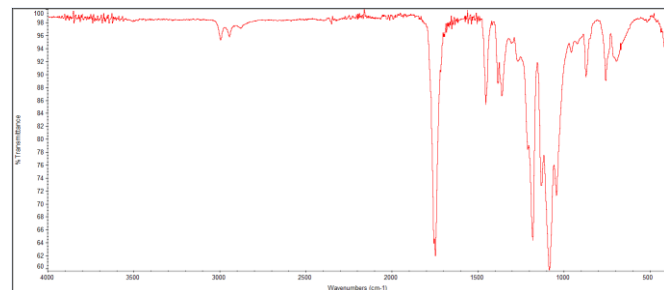
No. AP006

Certificate of Analysis

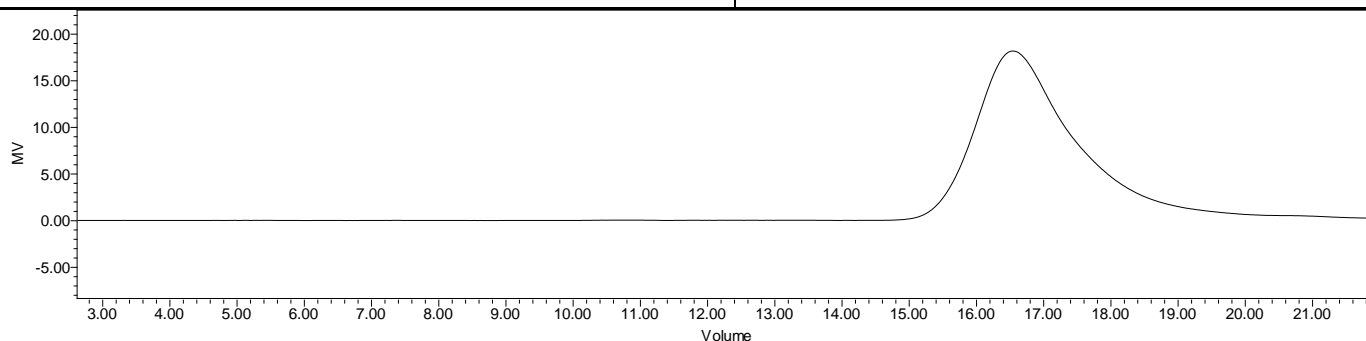
Product Name: Poly(L-lactide) acid endcap (M_n 100,000-200,000 Da)
(Lot #210325RAI-C)



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



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
PLLA	197,641	334,570	1.69

- Structure of PLLA copolymers

