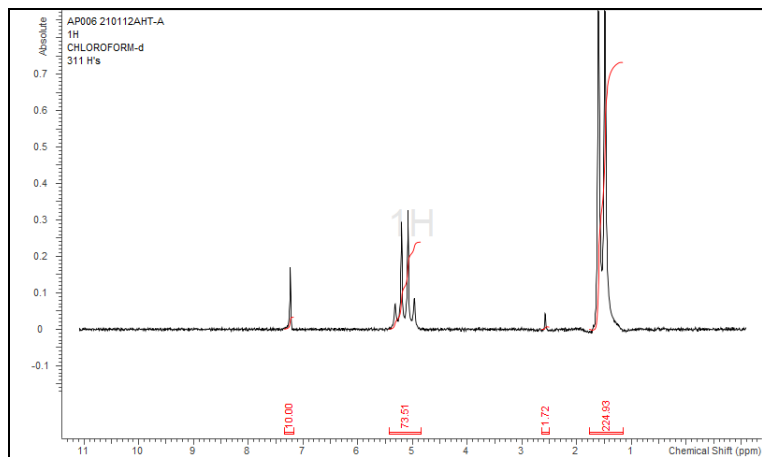


No. AP006

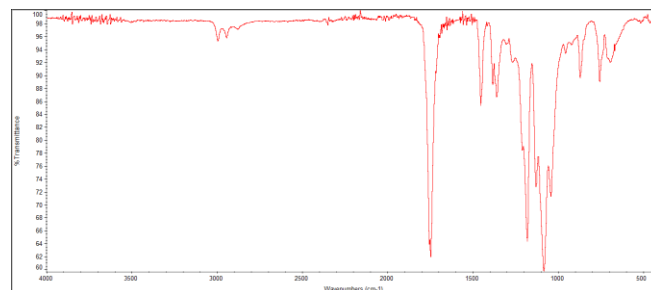
Certificate of Analysis



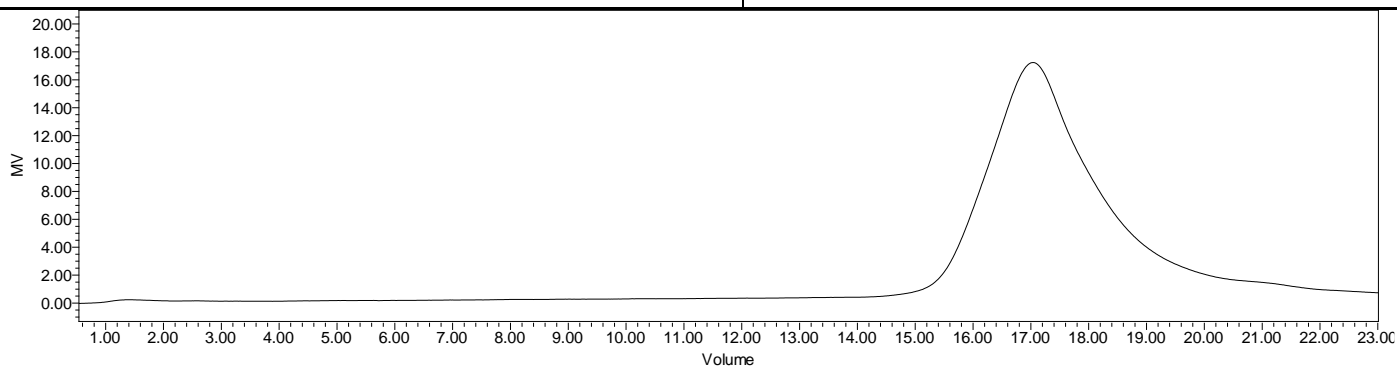
Product Name: Poly(L-lactide) acid endcap (M_n 100,000-200,000 Da)
(Lot #210112AHT-A)



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



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-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	146,558	253,748	1.73

- Structure of PLLA copolymers**

