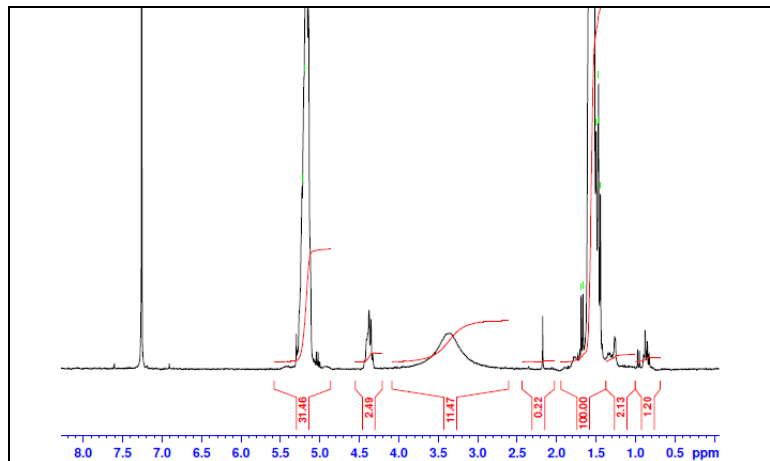


No. AP005

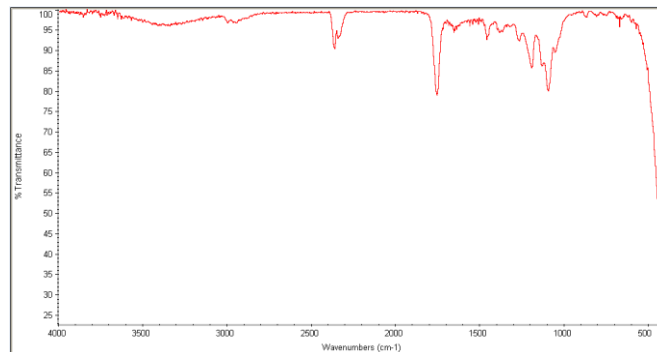
Certificate of Analysis



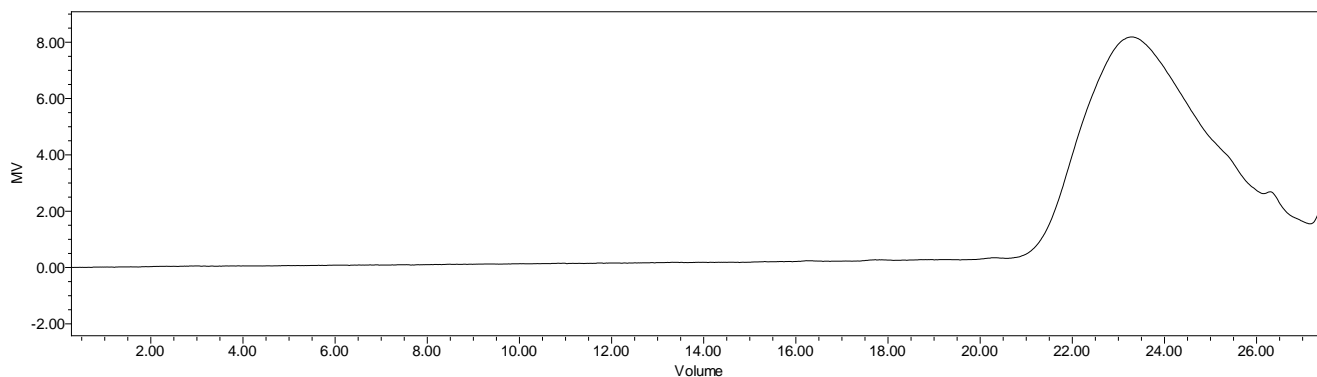
Product Name: Poly(DL-lactide) acid endcap (M_n : 1,000-5,000 Da)
(Lot#: 180710JSG-A)



H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PDLLA copolymer



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



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
PDLLA	1,671	2,490	1.49

- Structure of P(D)LA polymer

