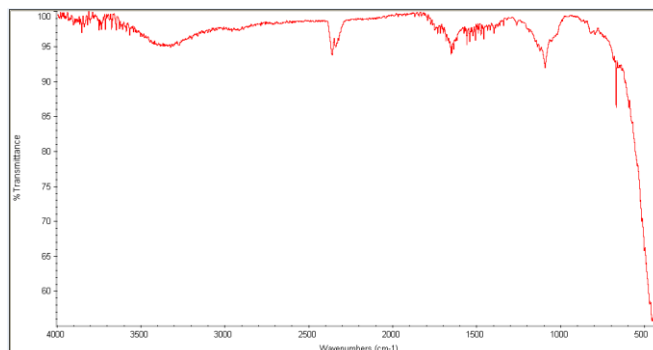
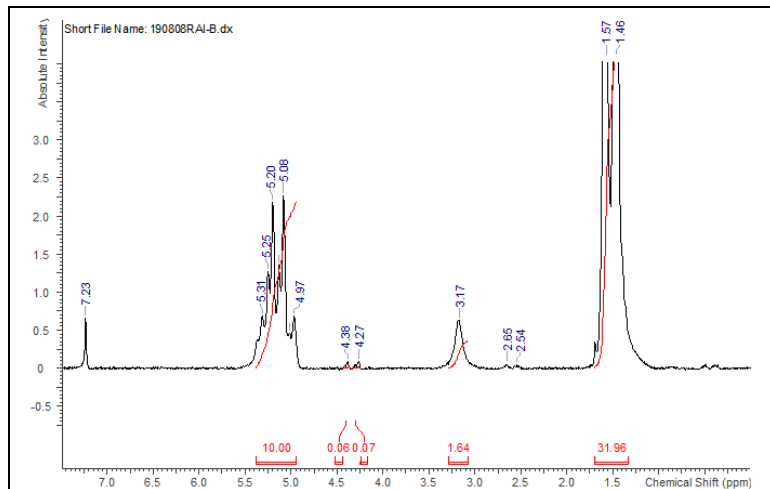


No. AP005

Certificate of Analysis

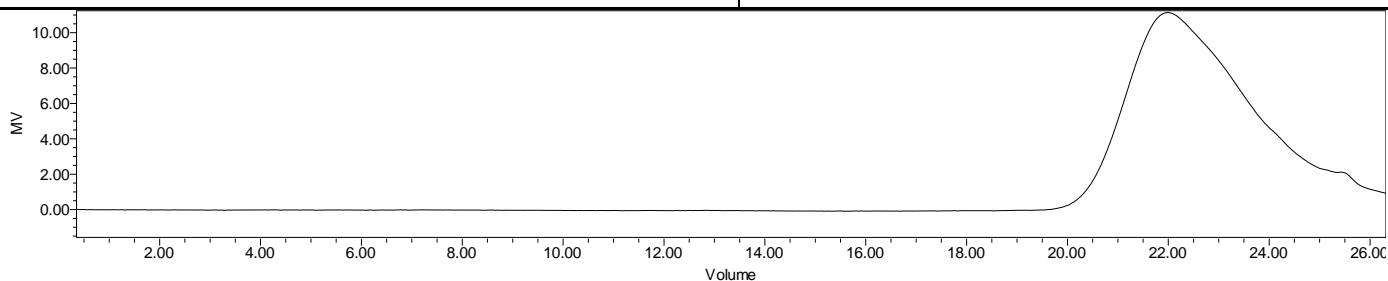


Product Name: Poly((D,L) Lactic acid) acid endcap (Mn: 1,000-5,000 Da)
(Lot#: 190808RAI-B)



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

H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PDLLA 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
PLGA	3749	5664	1.51

- Structure of PDLLA

