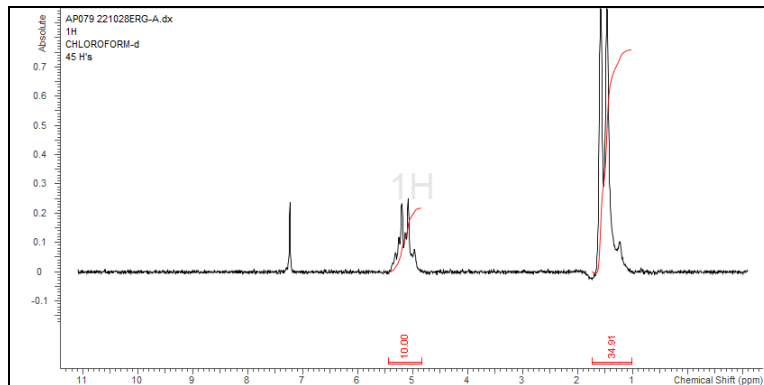


No. AP079

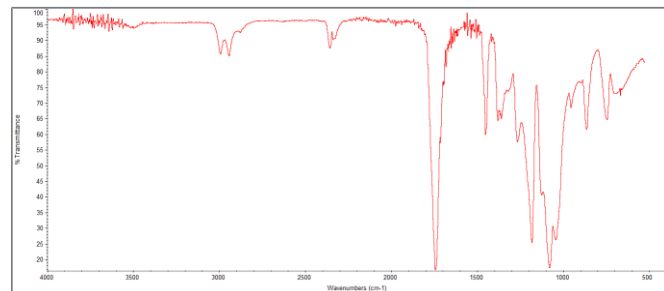
Certificate of Analysis



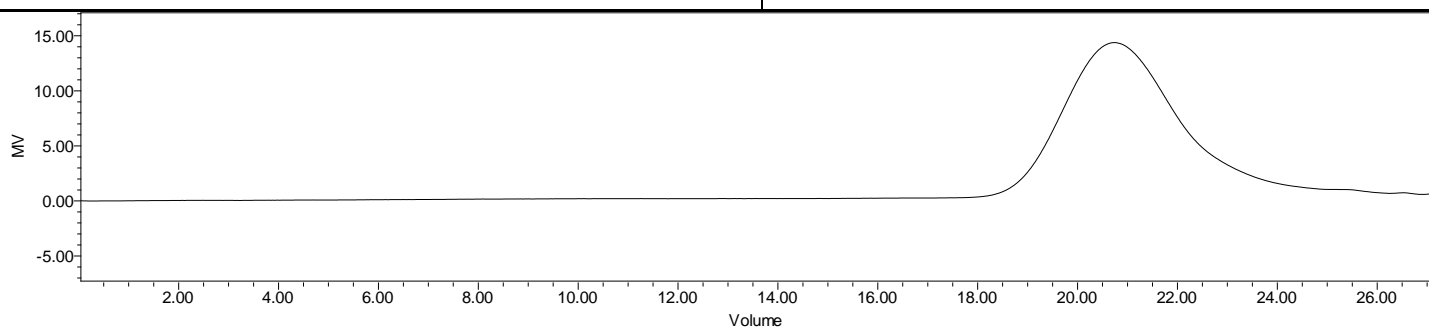
Product Name: Poly((D,L) Lactic acid) ester endcap (Mn: 5,000-10,000 Da)
(Lot#: 221028ERG-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of P(DL)LA 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
P(DL)LA	9322	16,028	1.71

- **Structure of PLGA copolymers**

