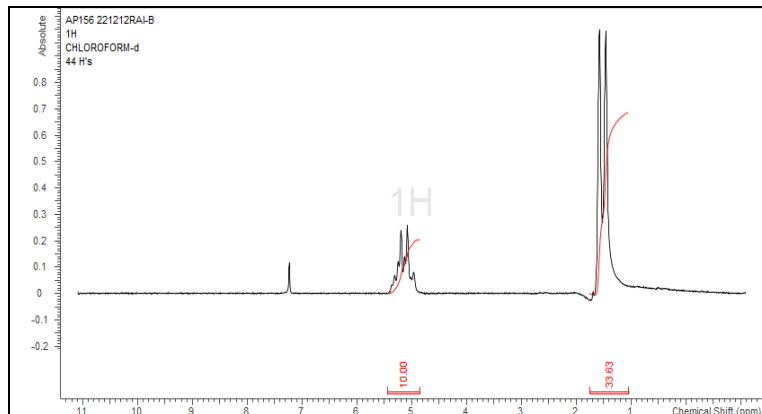


No. AP156

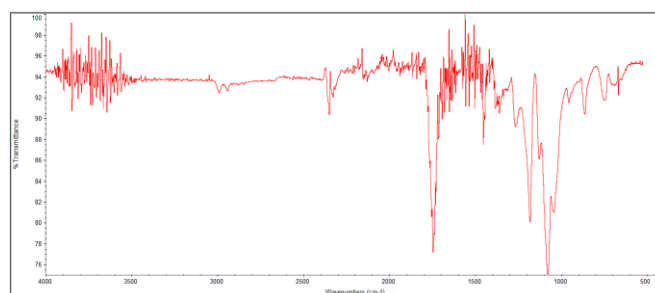
Certificate of Analysis



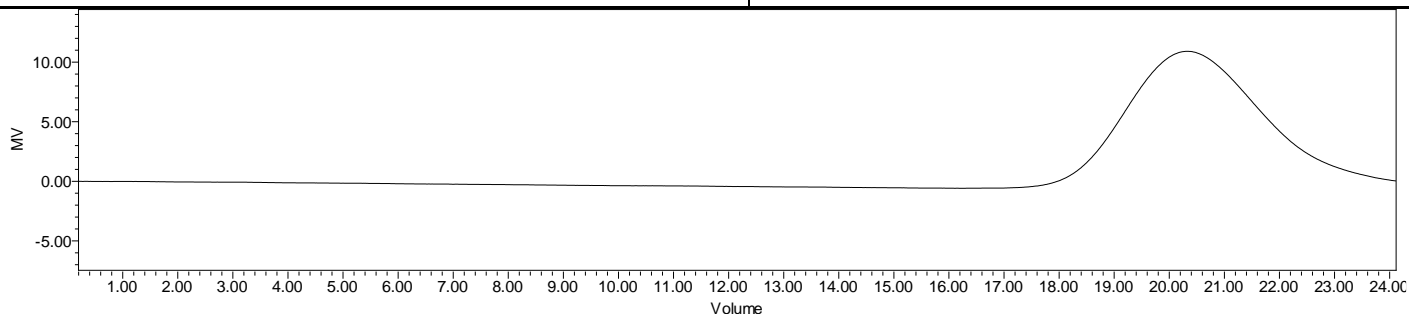
Product Name: Poly((D,L)lactide) acid endcap (Mn 10,000-15,000 Da)
(Lot# 221212RAI-B)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLA 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
PLA	13,589	22,531	1.66

- Structure of PLA polymers

