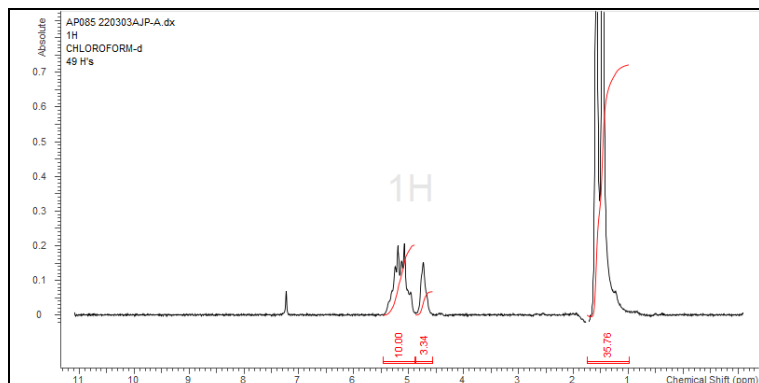


No. AP085

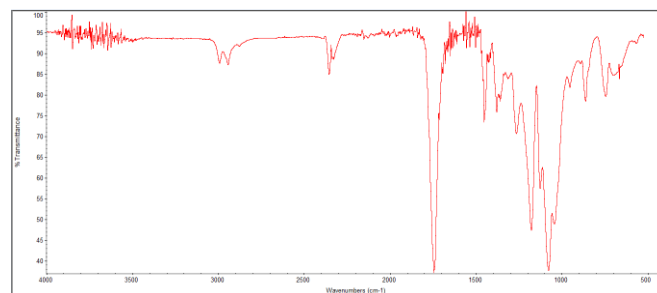
Certificate of Analysis



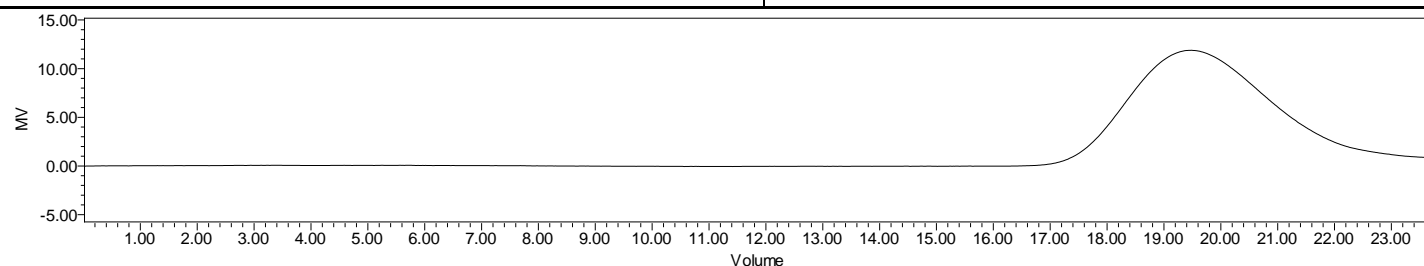
Product Name: Product Name: Poly(lactic-co-glycolic acid) ester endcap
(90:10 LA:GA, M_n : 25,000-35,000 Da) (Lot#: 220303AJP-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 86%-14% molar ratio (LA-GA 88%-12% w-w)



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
PLGA	27,969	42,385	1.52

Structure of PLGA copolymers

