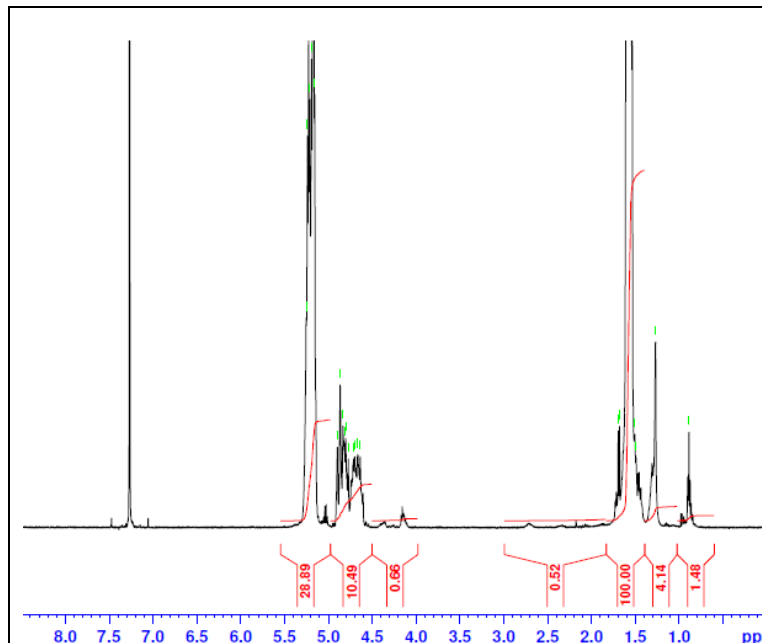


No. AP030

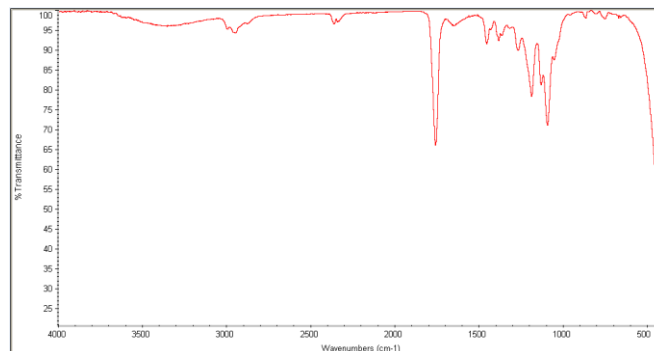
Certificate of Analysis



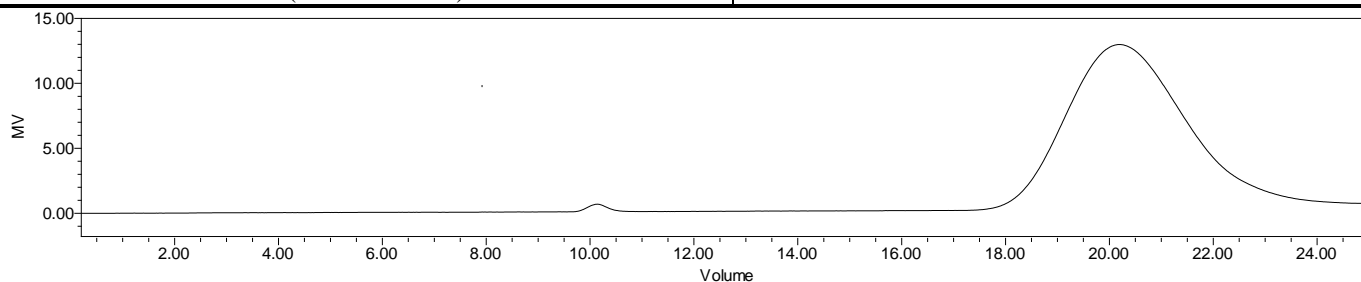
Product Name: Poly(lactic-co-glycolic) copolymers ester end capped
(85:15 LA:GA) (M_n : 10,000 -15,000 Da) (Lot#: 180810AHT-A)



H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA copolymer: LA-GA = 85%-15% molar ratio (87%-13% w-w)



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
PLGA	13,714	22,481	1.64

- Structure of PLGA copolymers

