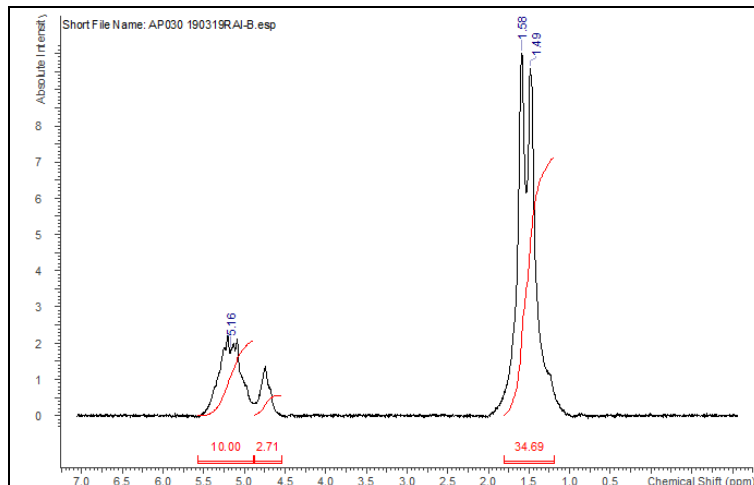


No. AP030

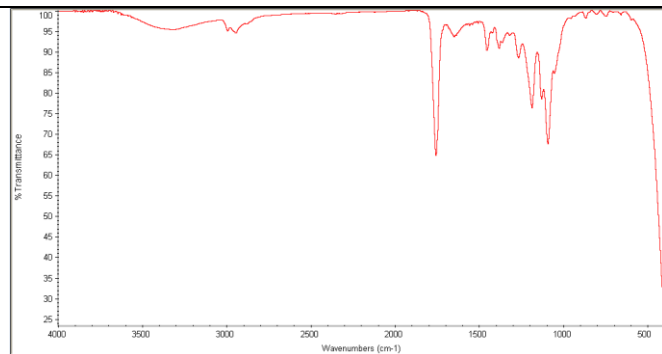
Certificate of Analysis



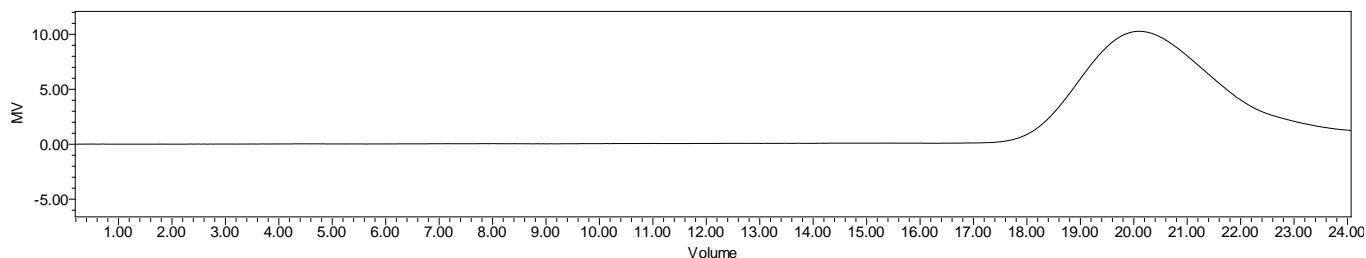
Product Name: Poly(lactic-co-glycolic) copolymers ester end capped
(85:15 LA:GA) (M_n : 10,000 -15,000 Da) (Lot#: 190319RAI-B)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady 60e, Nanalysis, 60 MHz) NMR of PLGA copolymer: LA-GA =88-12 molar ratio (LA:GA 90:10 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	13,612	24,653	1.81

- Structure of PLGA copolymers**

