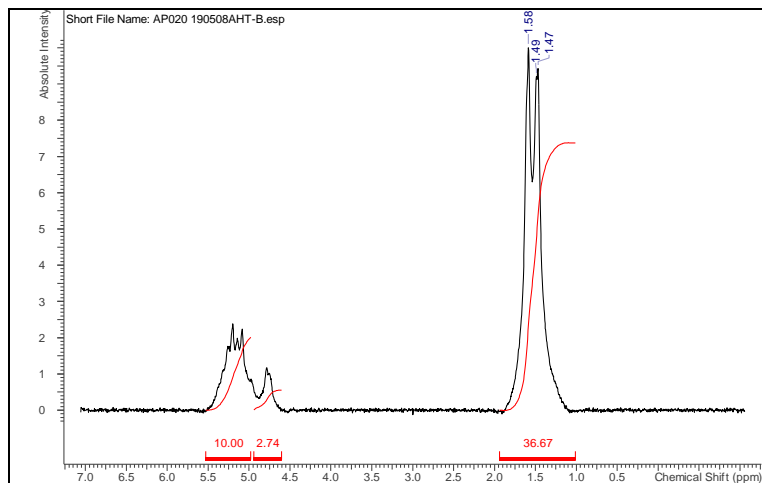


No. AP020

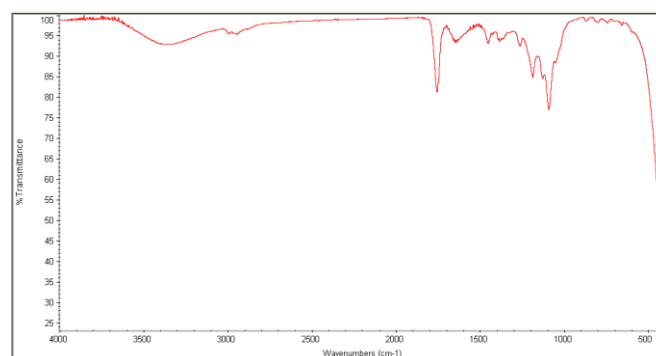
Certificate of Analysis



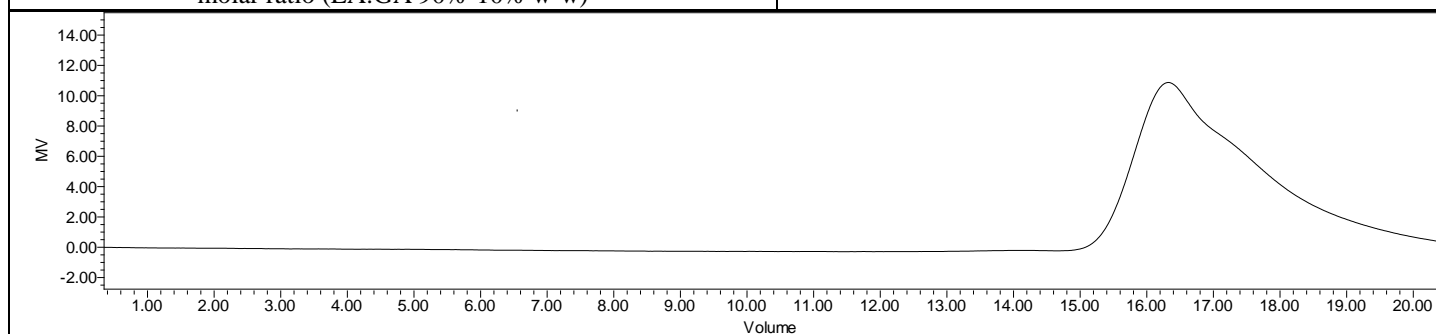
Product Name: Poly(lactide-co-glycolide) copolymers acid end capped
(85:15 LA:GA, Mn: 100,000-200,000 Da) (Lot#: 190508AHT-B)



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 a 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	179,755	346,438	1.93

- Structure of PLGA copolymers

