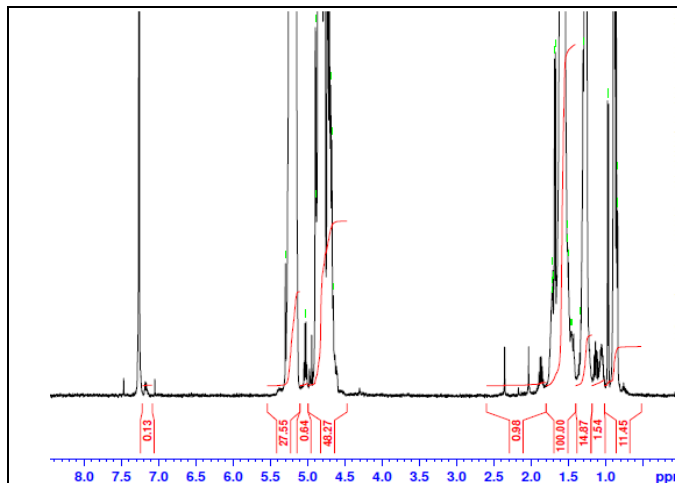


No. AP154

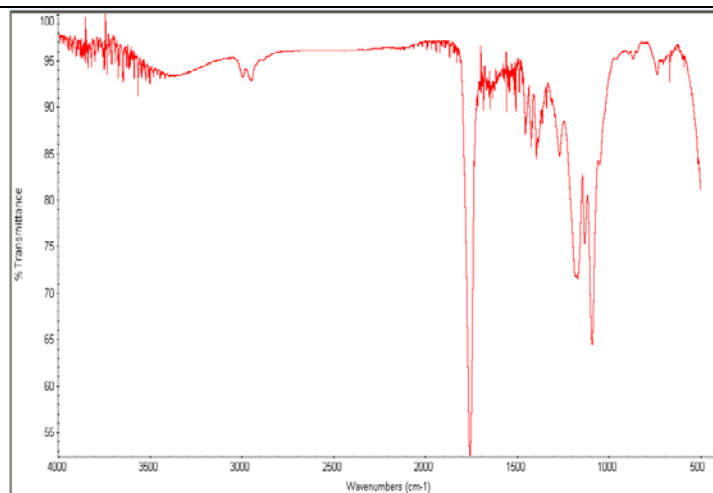
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) acid endcap (50:50 LA:GA, Mn: 55,000 – 65,000 Da) (Lot#: 170803SMS-B)

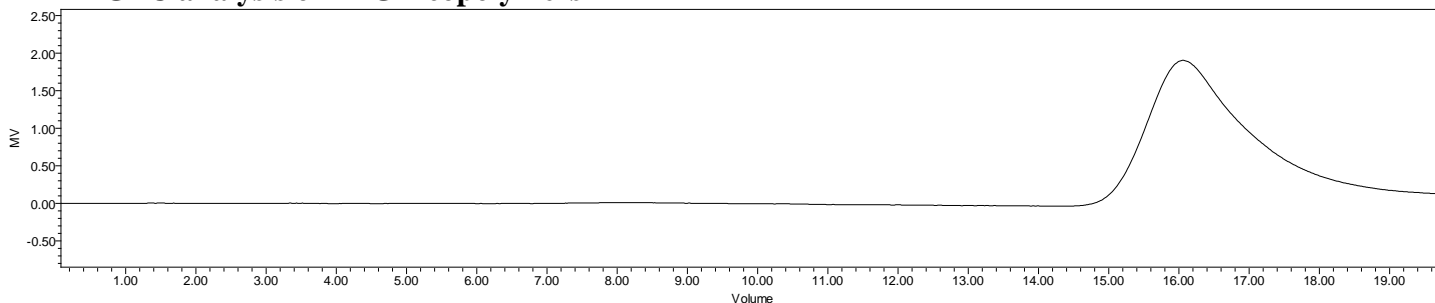


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 53%/47% molar ratio (59%/41% w/w)



FTIR Analysis: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in transmission E.S.P. mode.

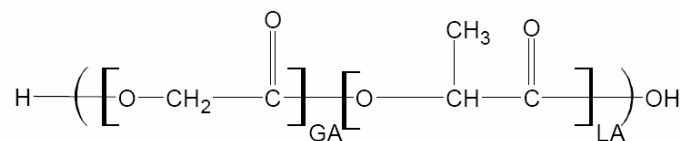
• GPC analysis of PLGA copolymers



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	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	64,652	110,535	1.71

• Structure of PLGA copolymers



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