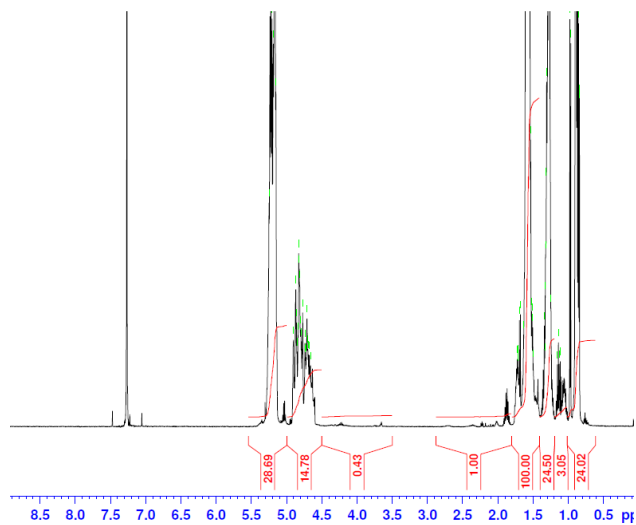


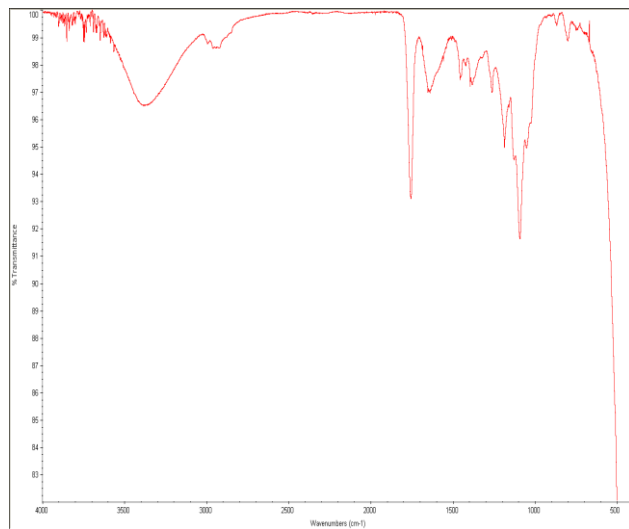
No. AP207

Certificate of Analysis

Product Name: Poly(lactide-co-glycolide) ester endcap (LA:GA 80:20, Mn 45,000 – 55,000 Da)
(Lot#: 70303STR-B)

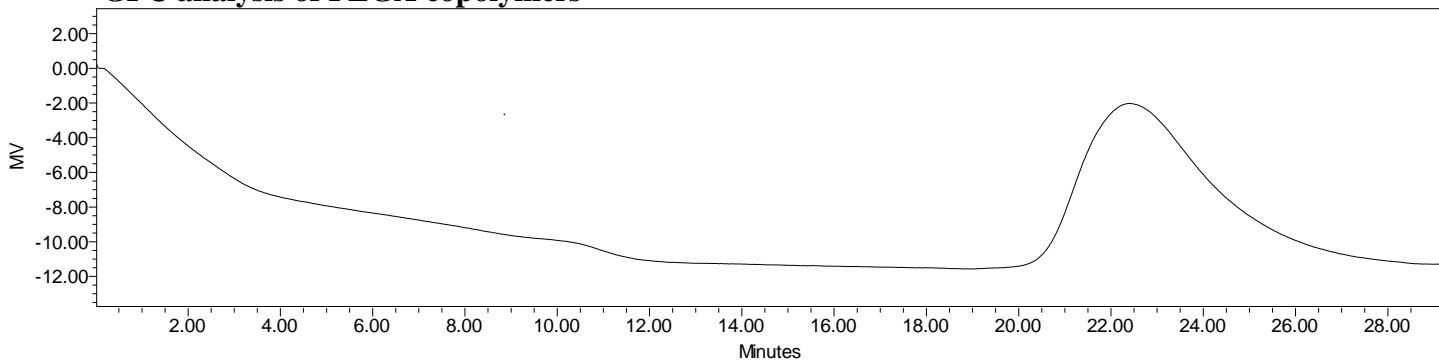


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 80%/20% molar ratio (83%/17% w/w)



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 four GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	49,591	73,202	1.48

- **Structure of PLGA copolymers**

