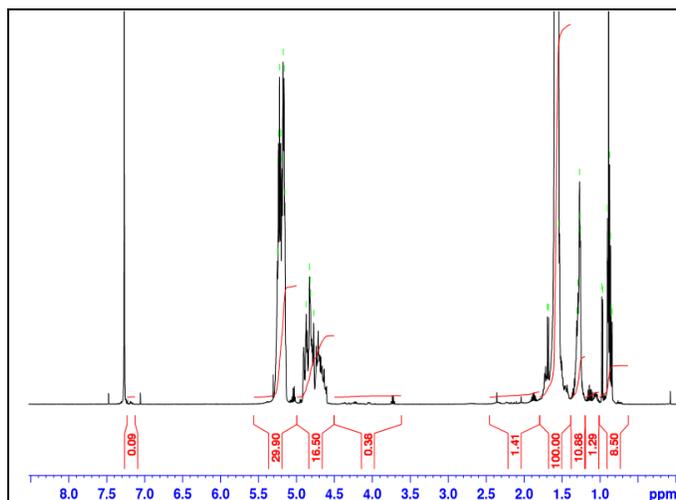
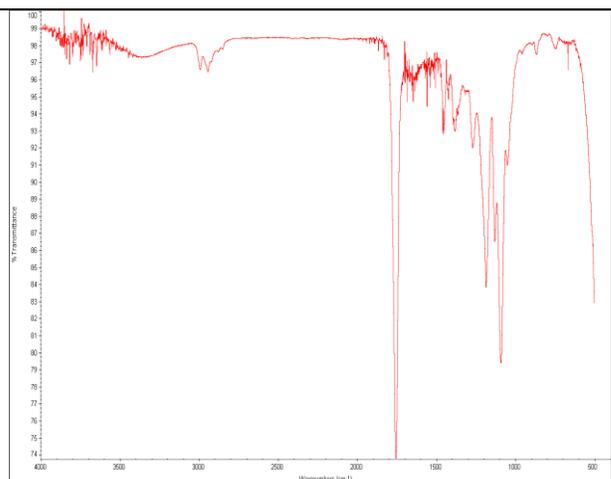


No. AP018 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid) acid endcap (75:25 LA:GA, Mn: 45,000-55,000 Da) (Lot#: 70207STR-A)

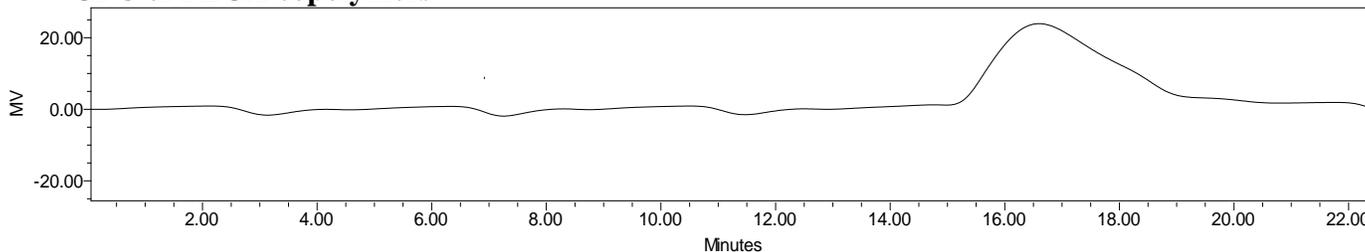


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 78%/22% molar ratio (82%/18% w/w)



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

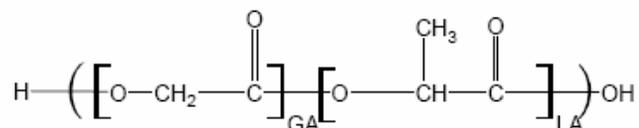
• GPC of PLGA copolymers



Analysis Method: Waters Breeze 2 with 1 ml/min THF flow across three GPC columns (mixed porosities). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	48,287	63,466	1.31

• Structure of PLGA copolymers



Material provided for research use only. Not for clinical use.