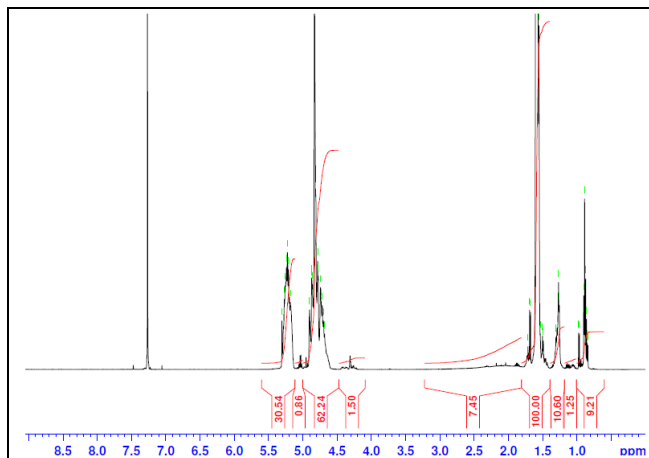


No. AP081

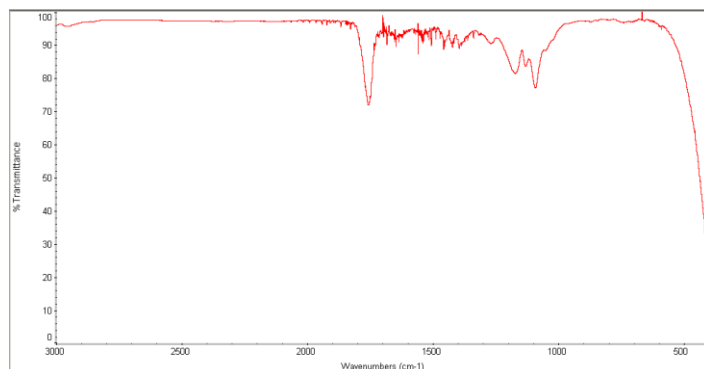
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA, Mn: 5,000-10,000Da)
(Lot#: 61024JSG-A)

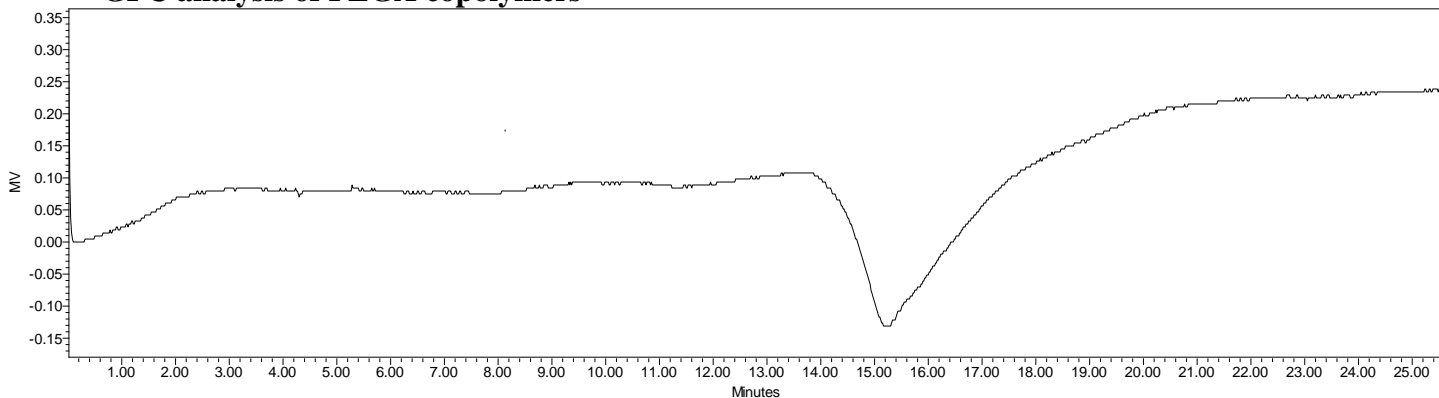


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 50%/50% molar ratio (45%/55% weight)



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

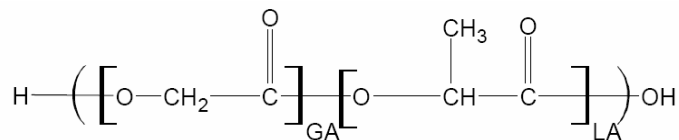
• GPC analysis of PLGA copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (7.8 x 300 mm, mixed porosities). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	8,263	19,833	2.40

• Structure of PLGA copolymers



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