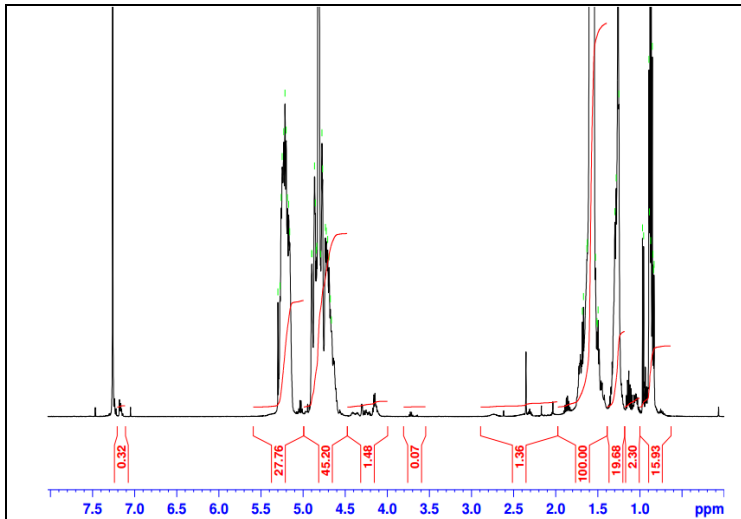


No. AP062

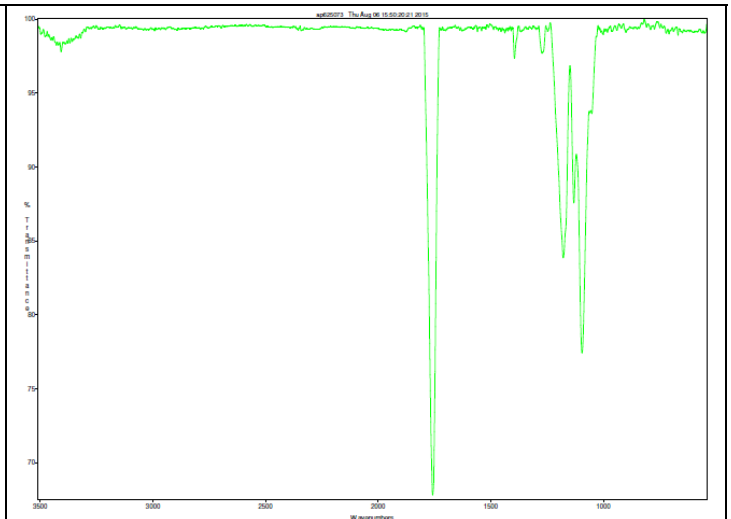
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) copolymers ester endcap (50:50 LA:GA, Mn: 5,000-10,000 Da) (Lot#: 50731MLS)

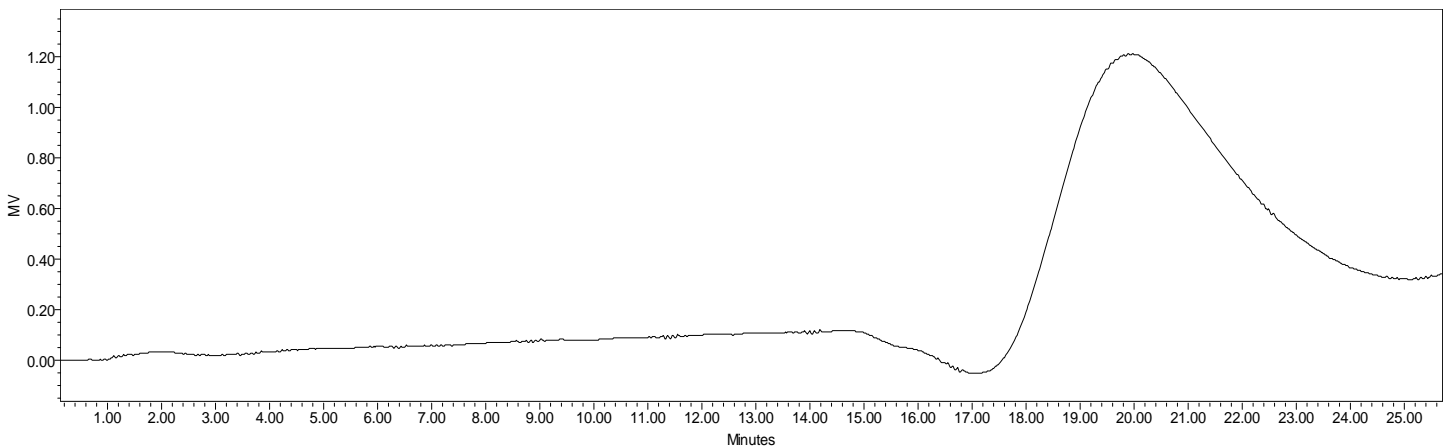


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 45%/55% molar ratio (40%/60% w/w)



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

• GPC analysis of PLGA copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	9737	20,182	2.07

• Structure of PLGA copolymers

