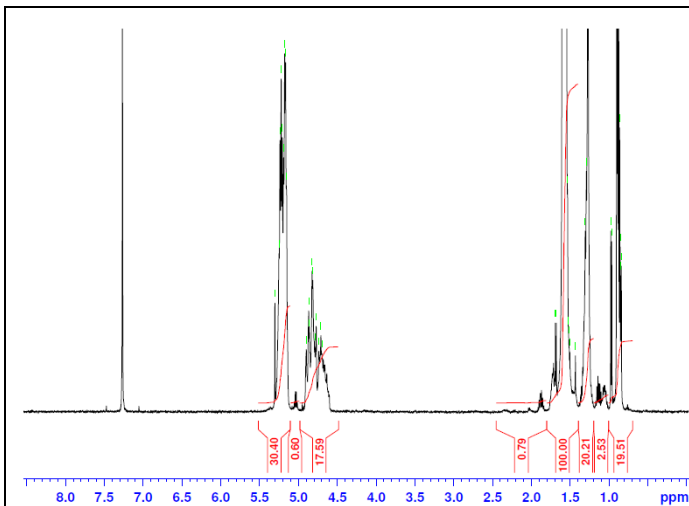


No. AP163

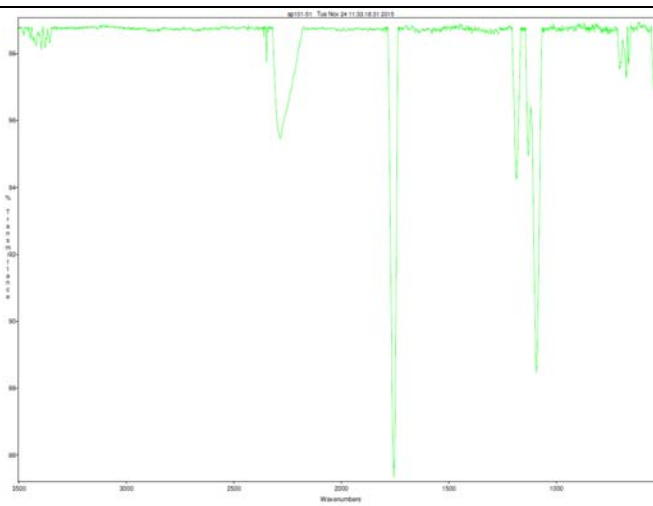
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid) Ester endcap (75:25 LA:GA, Mn: 55,000-65,000Da) (Lot#: 51118AHT)

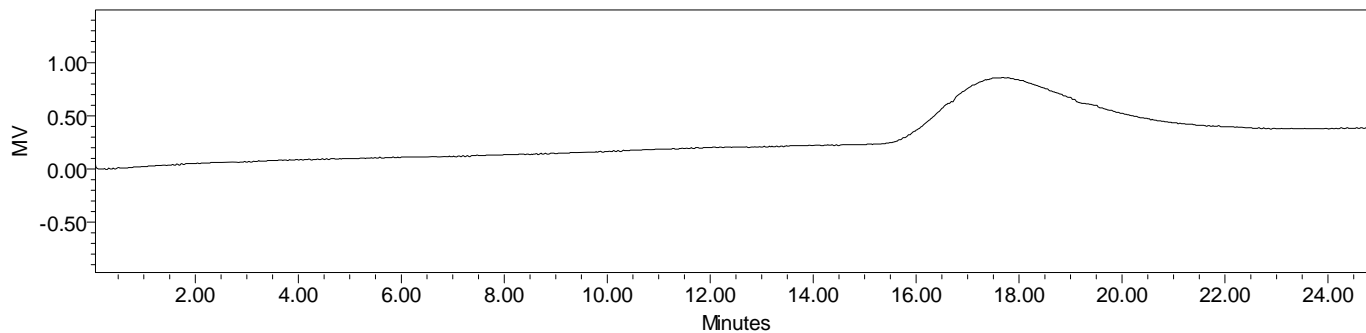


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 78%/22% molar ratio (81%/19% w/w)



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	59,201	90,162	1.52

• Structure of PLGA copolymers

