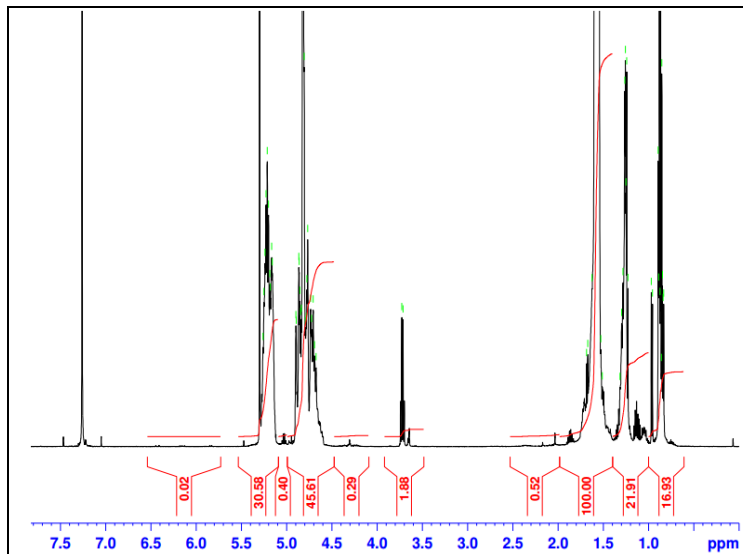


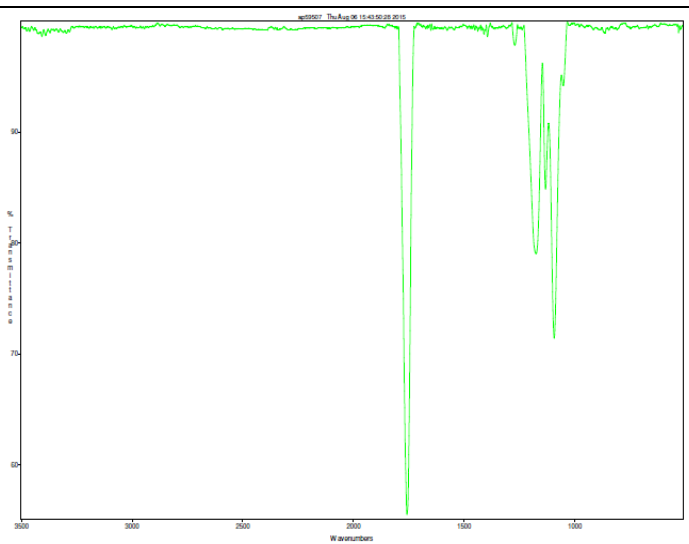
No. AP043

Certificate of Analysis

Product Name: Poly(lactide-co-glycolide) acid endcap (60:40 LA:GA, Mn: 45,000-55,000 Da)
(Lot#: 50730MLS)

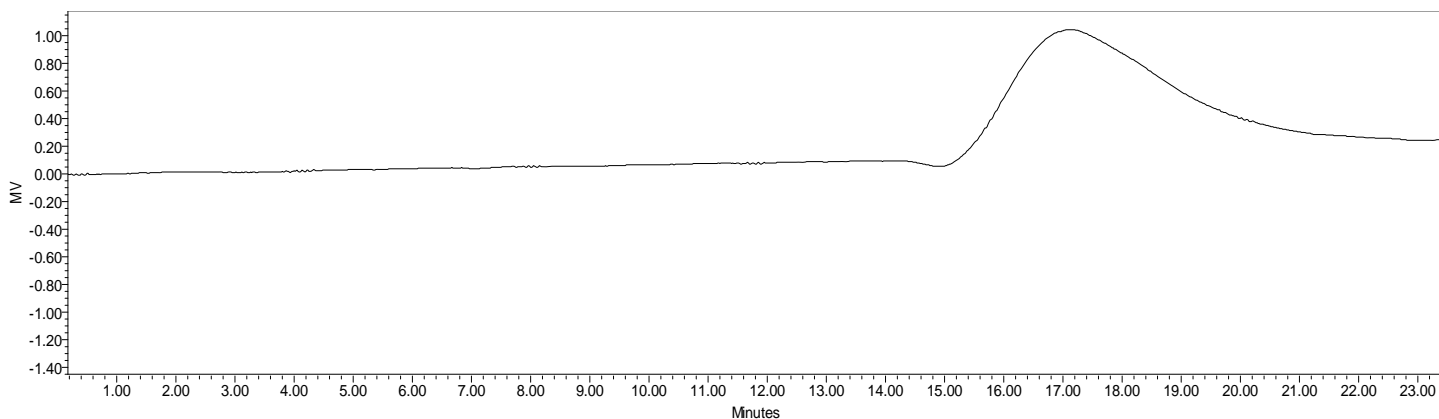


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 57%/43% molar ratio (62%/38% w/w)



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	48,921	83,322	1.70

• Structure of PLGA copolymers

