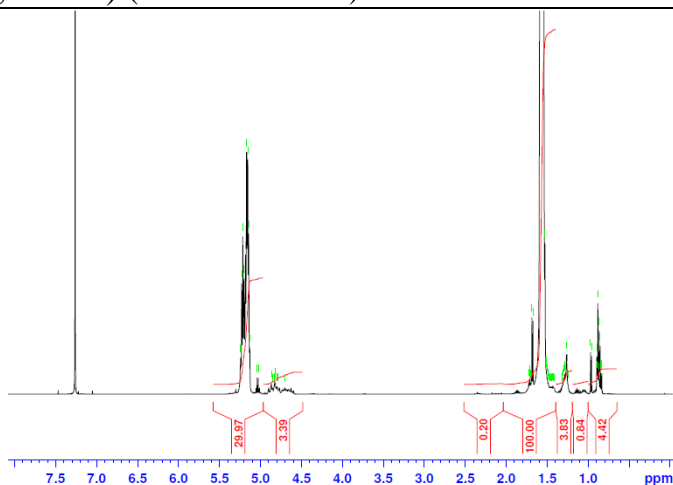


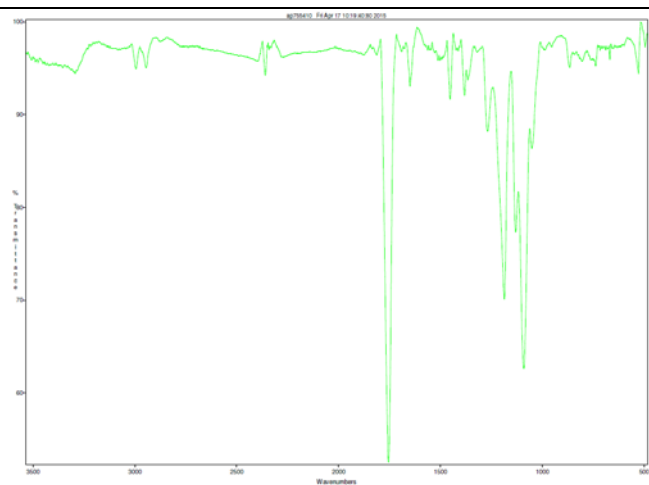
No. AP127

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid) ester endcap (95: 5 LA:GA, M_n : 45,000-55,000Da) (Lot#: 50410SJH)

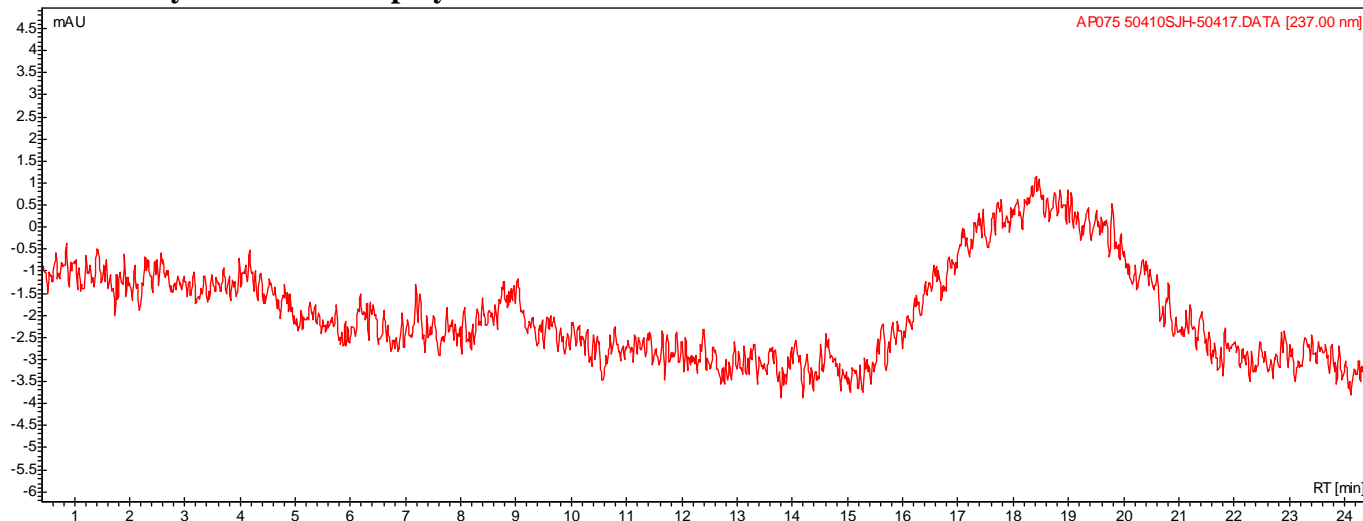


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 96%/4%



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

• GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μ m columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLGA	45,917	129,109	2.81

• Structure of PLGA copolymers

