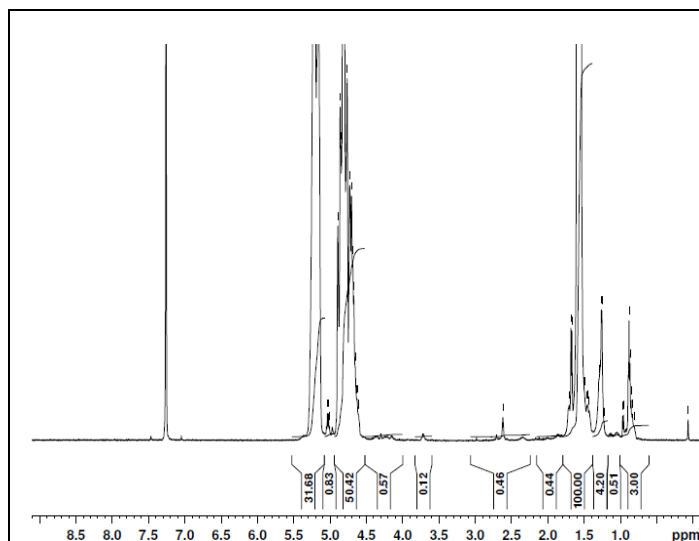


No. AP83

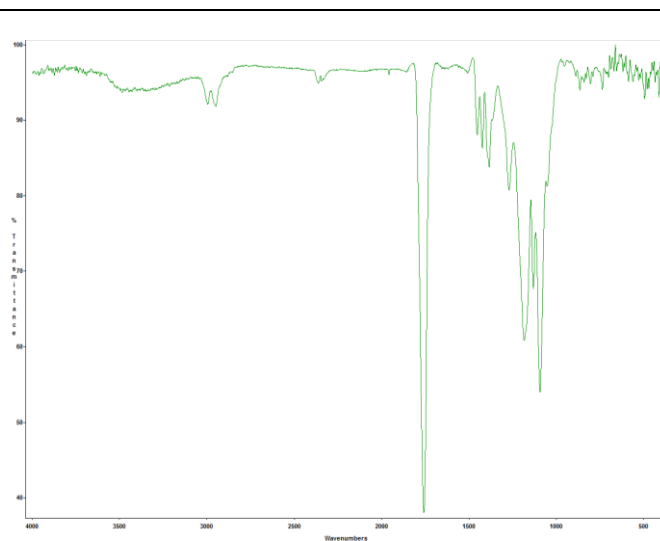
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) copolymers ester endcap (60:40 LA:GA,
M_n: 45,000-55,000 Da) (Lot#: 31210FCK) REV:A

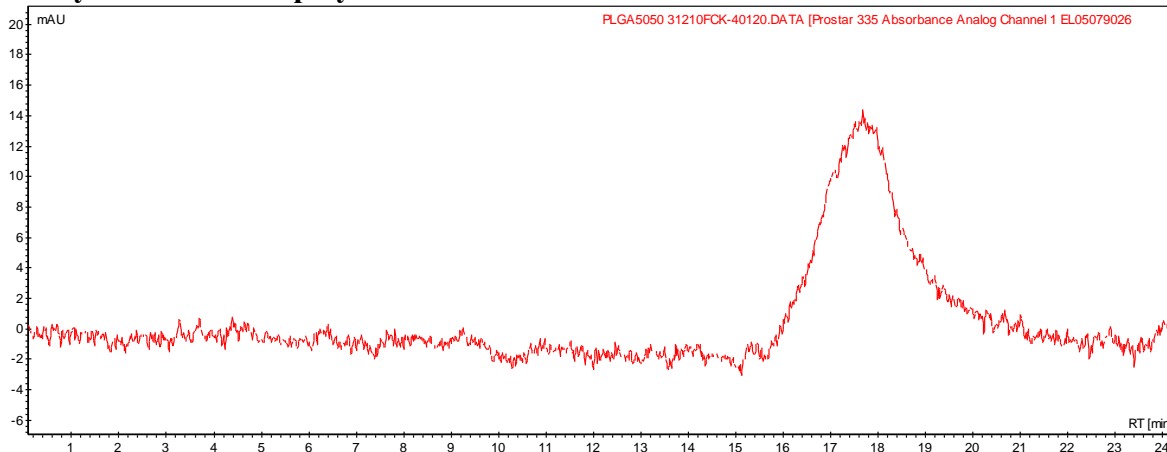


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 44%/56% molar ratio (39%/61% w/w)



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	45,316	71,489	1.58

• Structure of PLGA copolymers

