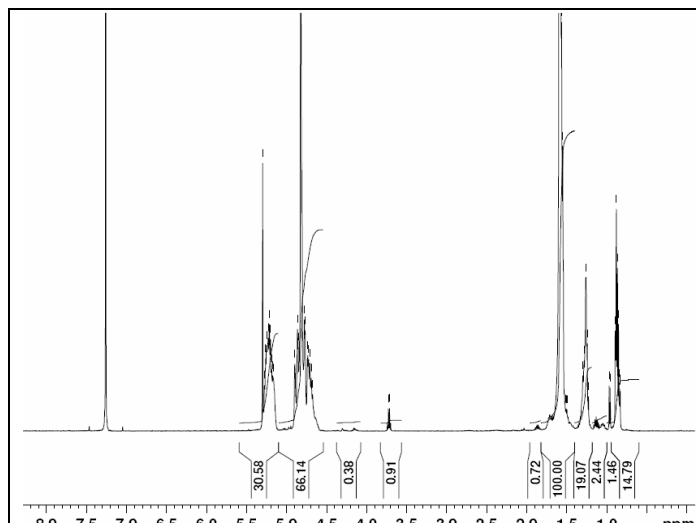


No. AP63

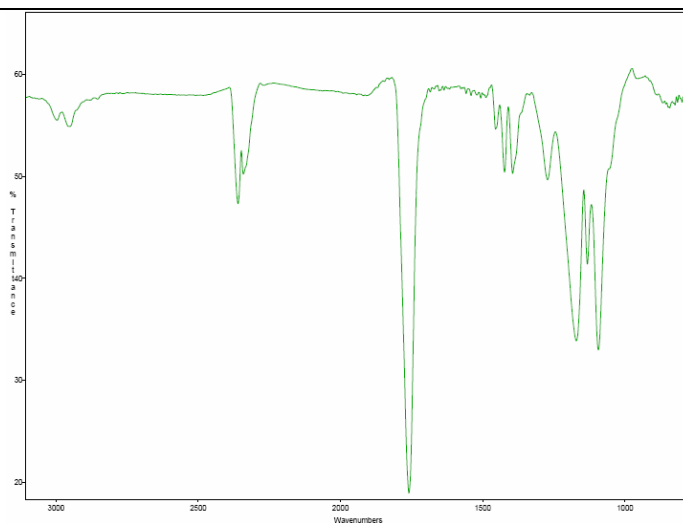
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid) ester endcapped (50:50 LA:GA, Mn 15,000-25,000) (Lot#: 30415JLB-A) REV:A

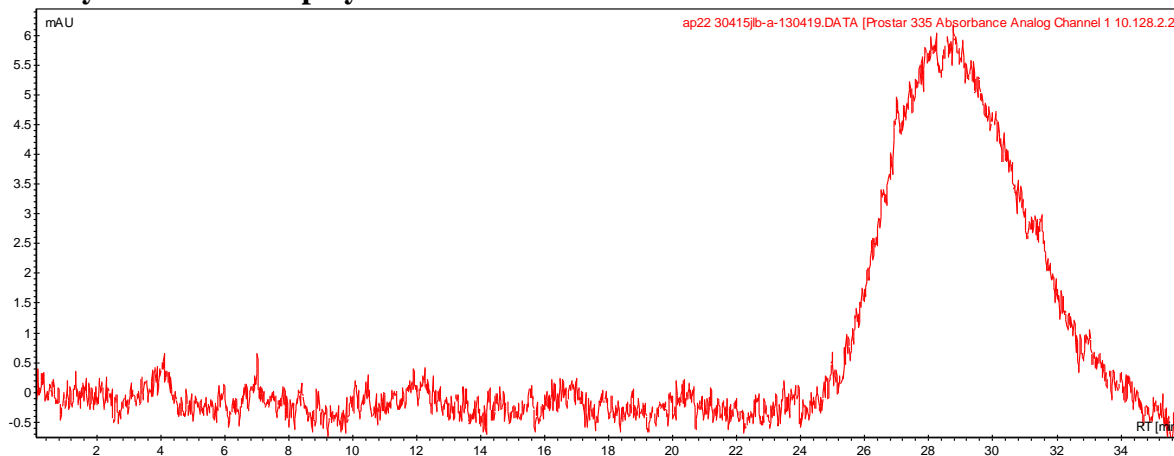


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 52%/48% molar ratio (47%/53% w/w)



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 four Phenogel 5u columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	17,072	31,682	1.86

• Structure of PLGA copolymers

