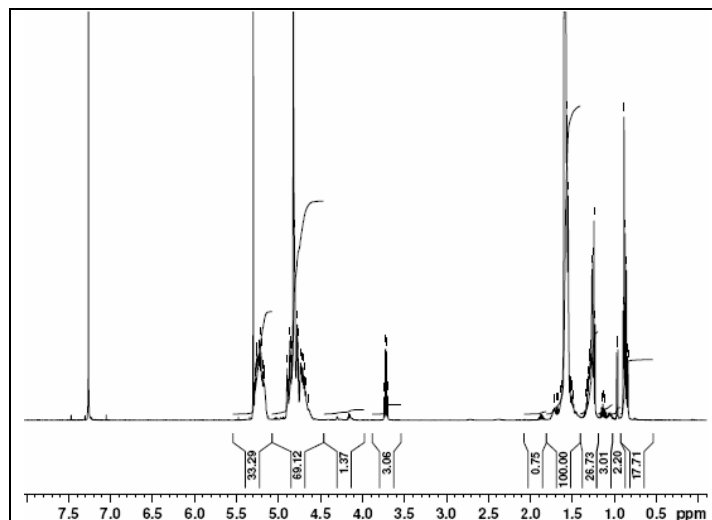


No. AP23

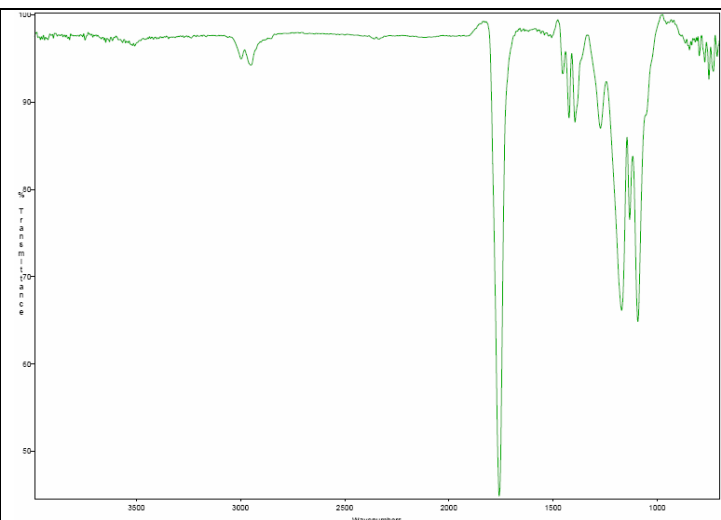
Certificate of Analysis



Product Name: Poly(Lactic-glycolic Acid) Ester Endcapped (50:50 LA:GA, MW~ 10,000Da)
(Lot#: 21001AHT) REV:A

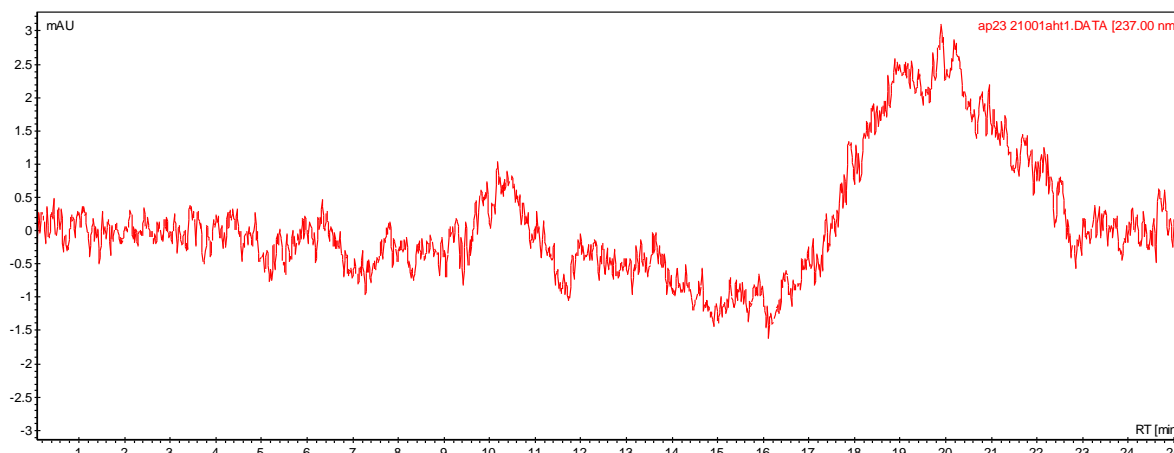


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA copolymers:
GA/LA = 51%/49% molar ratio (46%/54% w/w)



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 one PLGel Mixed-D column and one PLGel Mixed-E column and one phenogel 5u column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	12,503	20,017	1.60

• Structure of PLGA copolymers

