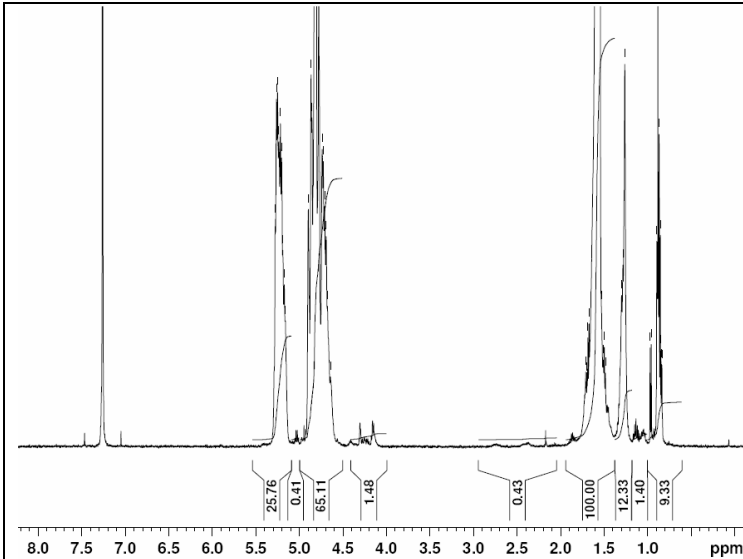


No. AP23

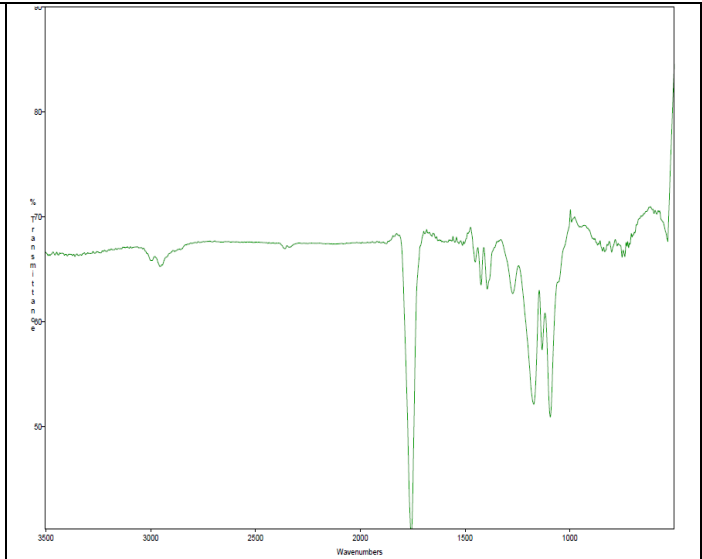
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid) ester endcapped (1:1 LA:GA, Mn: 10,000-15,000 Da) (Lot#: 30714JLB) REV:B

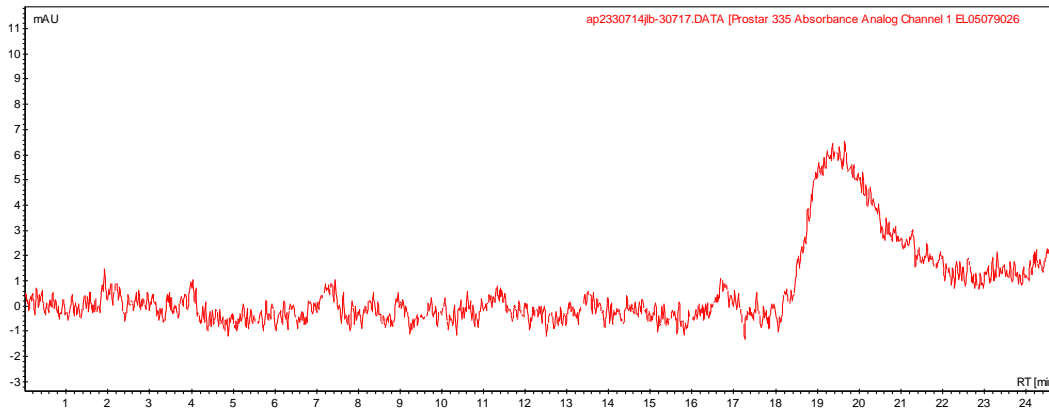


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA copolymers: GA/LA = 55%/45% molar ratio (50%/50% w/w)



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	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	13,567	23,453	1.73

- **Structure of PLGA copolymers**

