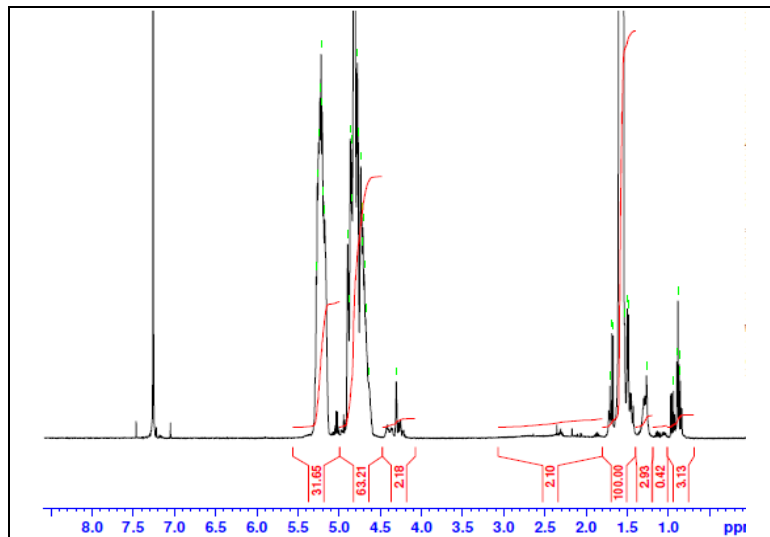


No. AP081

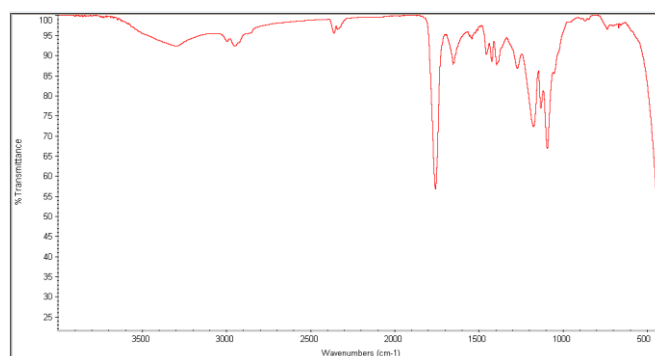
Certificate of Analysis



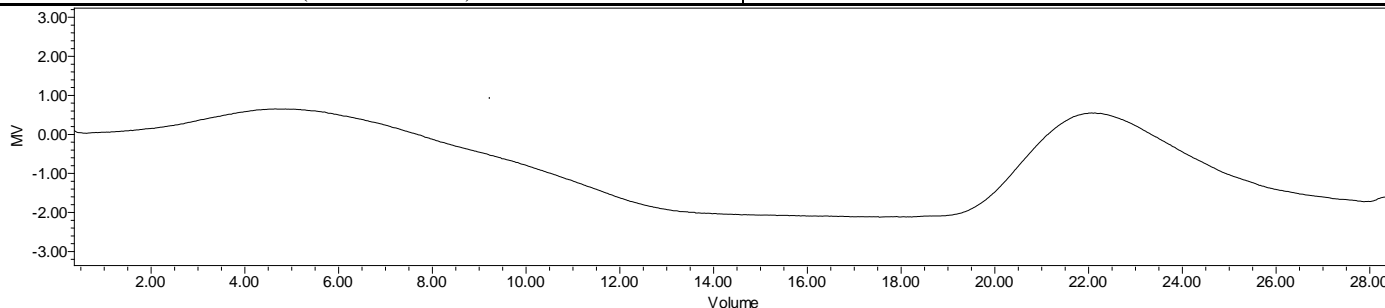
Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA,
Mn: 5,000-10,000 Da) (Lot#: 180223SLG-B)



H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA copolymers: LA/GA = 50%/50% molar ratio (55%/45% w/w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar spectrometer and analyzed in transmission mode.



GPC Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	6331	8708	1.38

• **Structure of PLGA polymer:**

