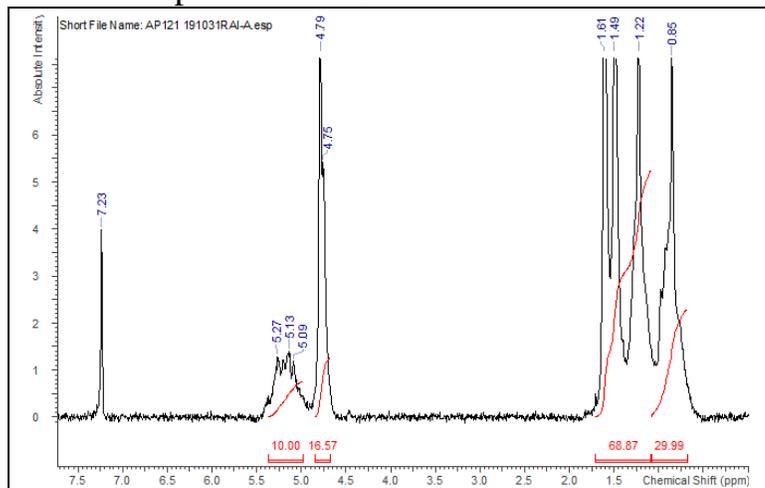


No. AP121

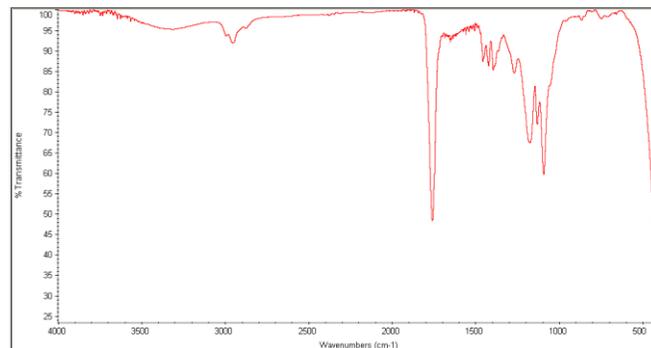
Certificate of Analysis



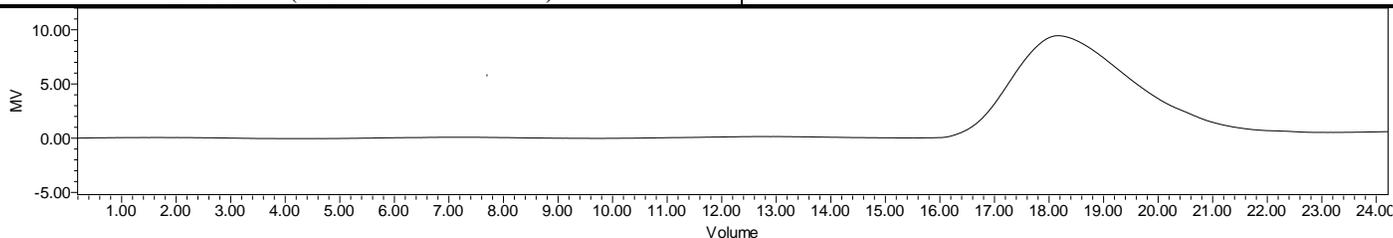
Product Name: Poly(lactide-co-glycolide) (LA:GA 50:50, 45,000-55,000Da)
ester endcap Lot #191031RAI-A



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 55%-45% molar ratio (LA-GA 60%-40% w-w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 320 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	53,391	80,384	1.51

• Structure of PLGA

