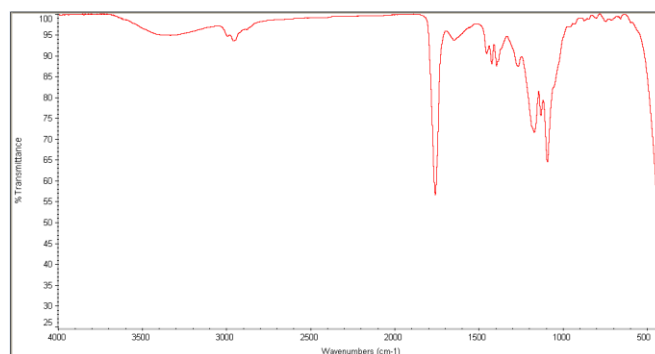
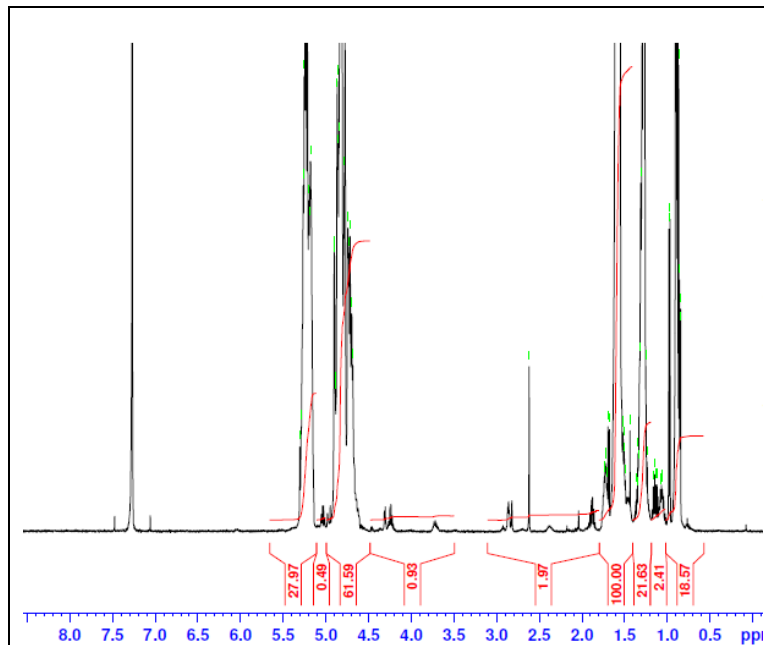


No. AI097

Certificate of Analysis

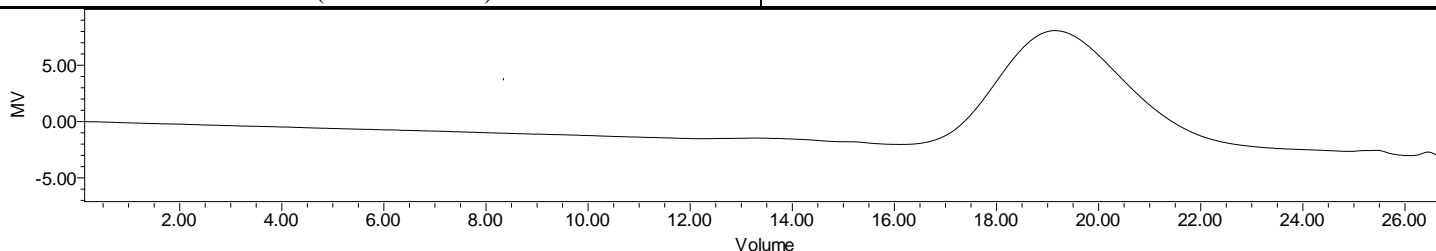


Product Name: Poly(lactide-co-glycolide)-N-hydroxysuccinimide endcap
(Mn 20,000-45,000 Da, 50:50 LA:GA) (Lot#: 190403RAI-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.

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



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-NHS	28,108	47,355	1.68

- Structure of PLGA-NHS copolymers**

