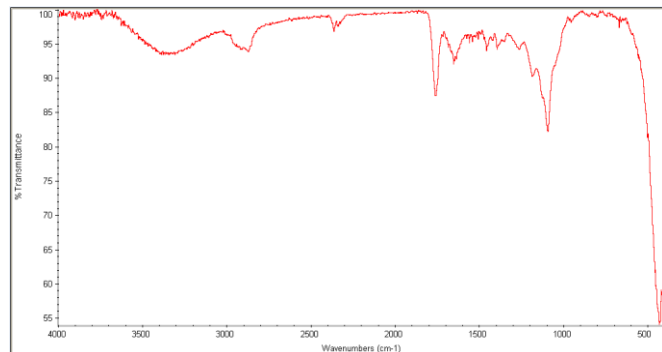
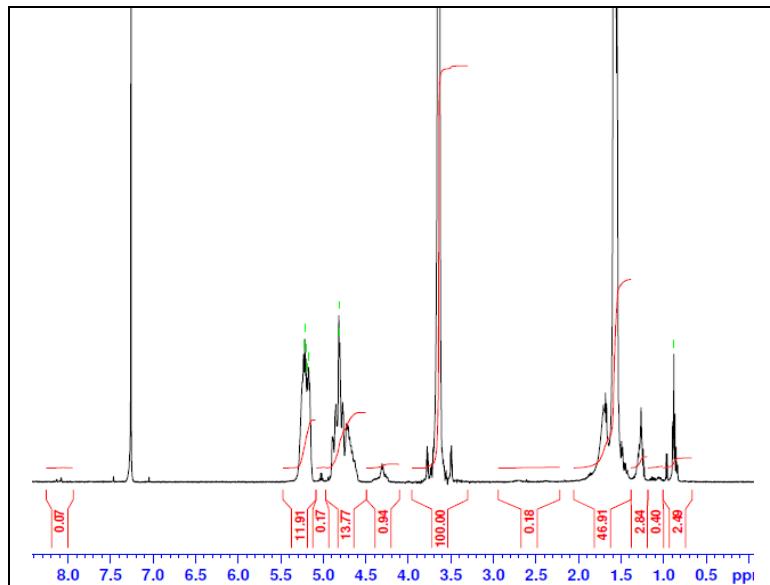


No. AK032

Certificate of Analysis

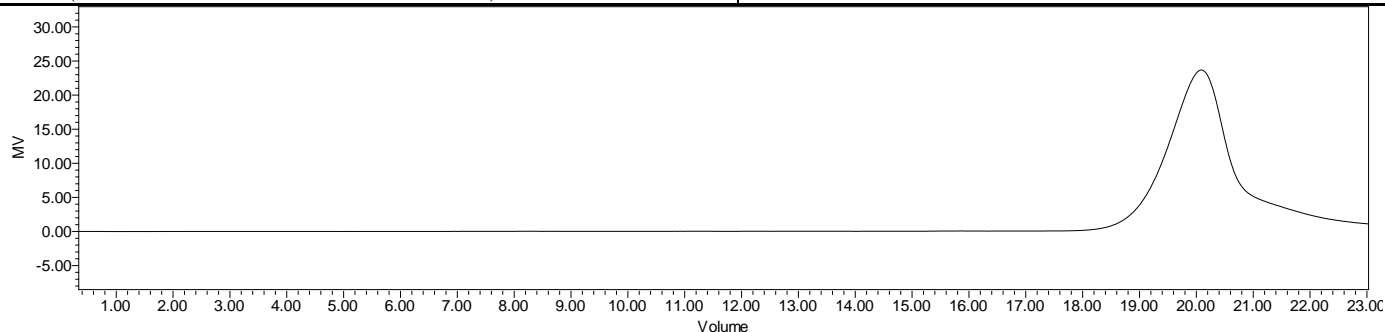


Product Name: Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (6000-10,000-6000Da, 7:3 La:Ga) Lot #190718RAI-A



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 (Bruker 500 MHz, PINMRF) NMR of PLGA-PEG copolymer: EG/LA-GA =227/108-63 (M_n EG/LA:GA 10000*/7786:3628 Da) *Est from MFG



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-PEG	21,957	25,663	1.17

- Structure of PLGA-PEG-PLGA triblock copolymers**

