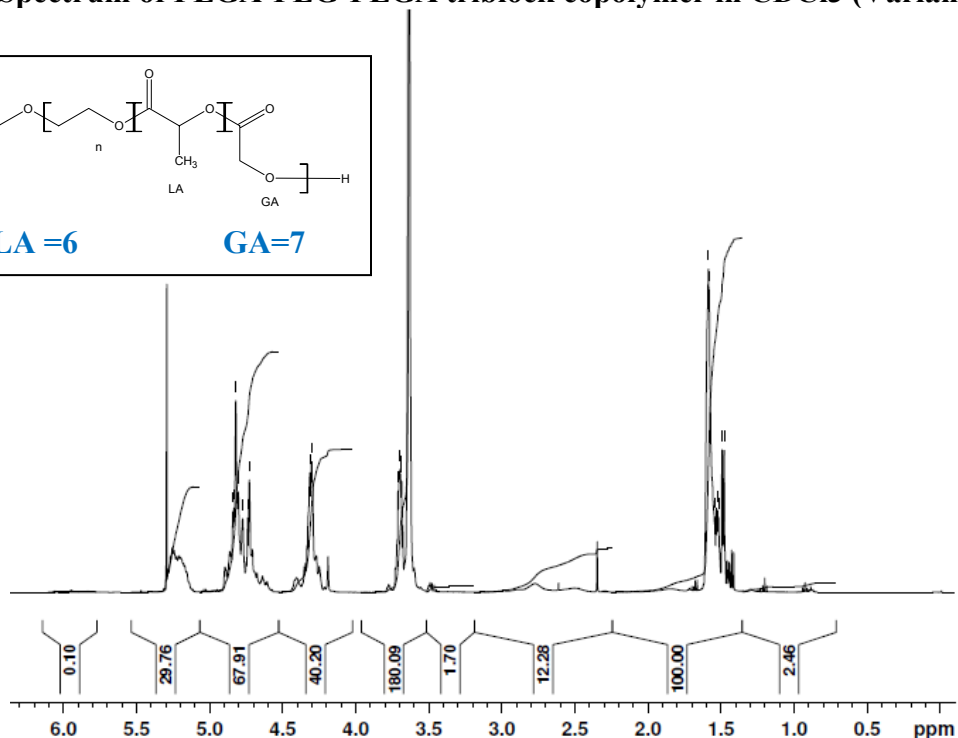
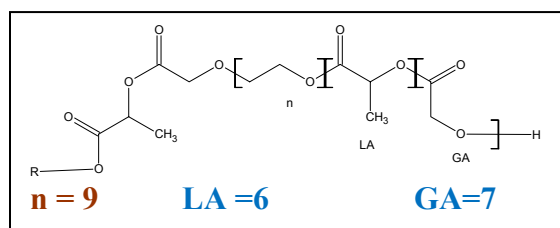


No. 14

Certificate of Analysis

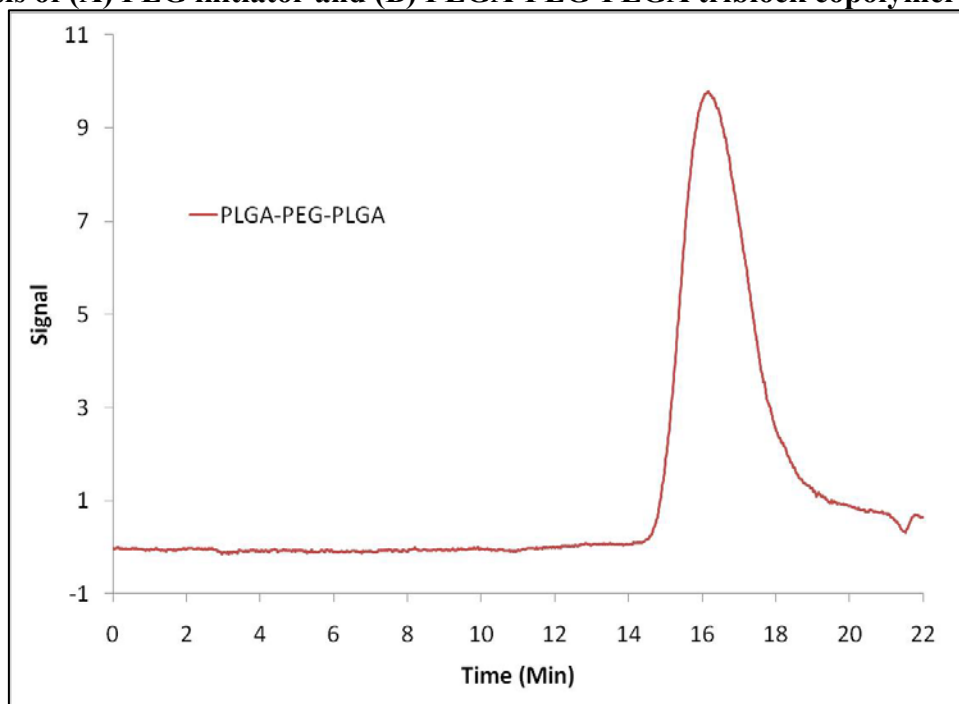
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers

- ¹H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymer in CDCl₃ (Varian Inova 500 MHz)



M_n, NMR of PEG-PLA/PGA copolymers : 400-429/395

- GPC analysis of (A) PEG initiator and (B) PLGA-PEG-PLGA triblock copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns (Varian) and PDA detector. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PEG(400) Initiator*	325	350	1.08
AK14	1269	2374	1.87

*Agilent 1100 system with 1 ml/min THF flow across three PLgel 5 um MIXED-D and -E columns (Agilent) and RI detector. Graphical comparison not shown due to different system.