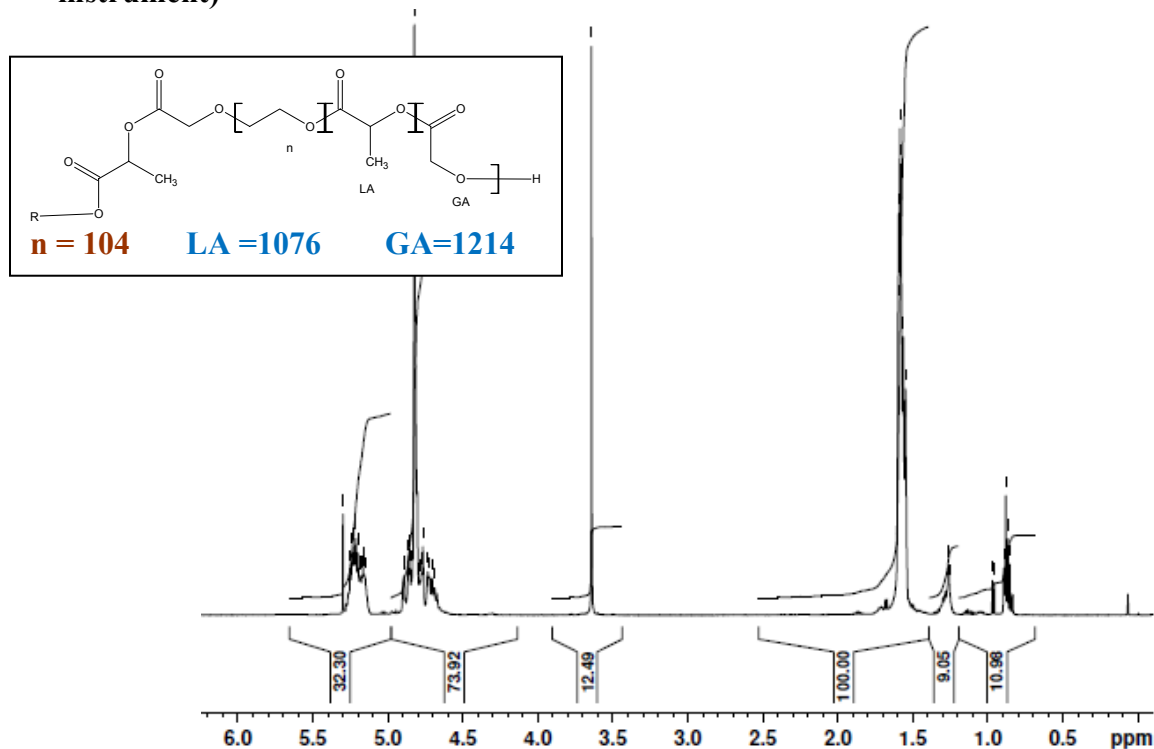


No. 16

Certificate of Analysis

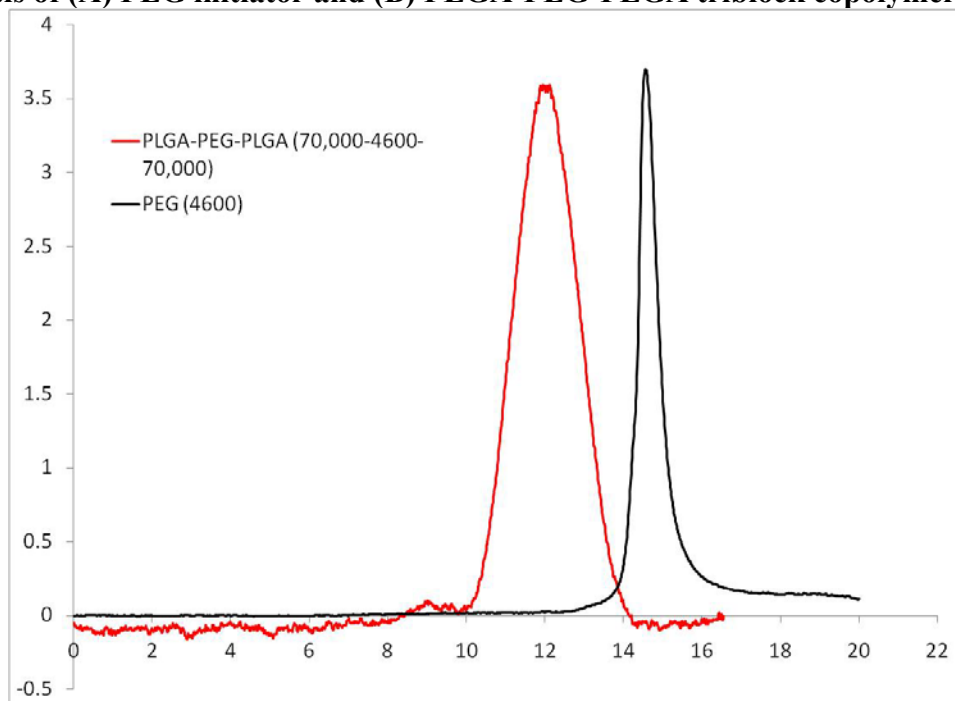
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers

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



M_n, NMR of PEG-PLA/PGA copolymers : 4600-77458/70481

- 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	M _n (from GPC)	M _w (from GPC)	PDI
PEG(4600) Initiator	5589	8222	1.47
AK16	84956	153053	1.80