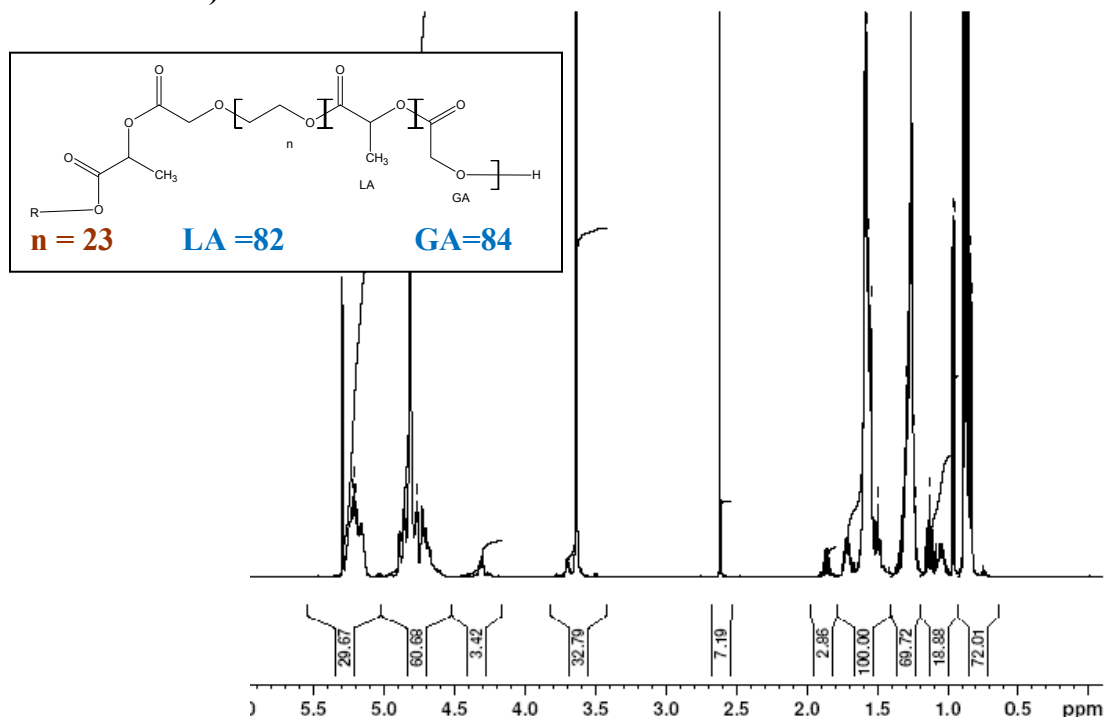


# No. 15

# Certificate of Analysis

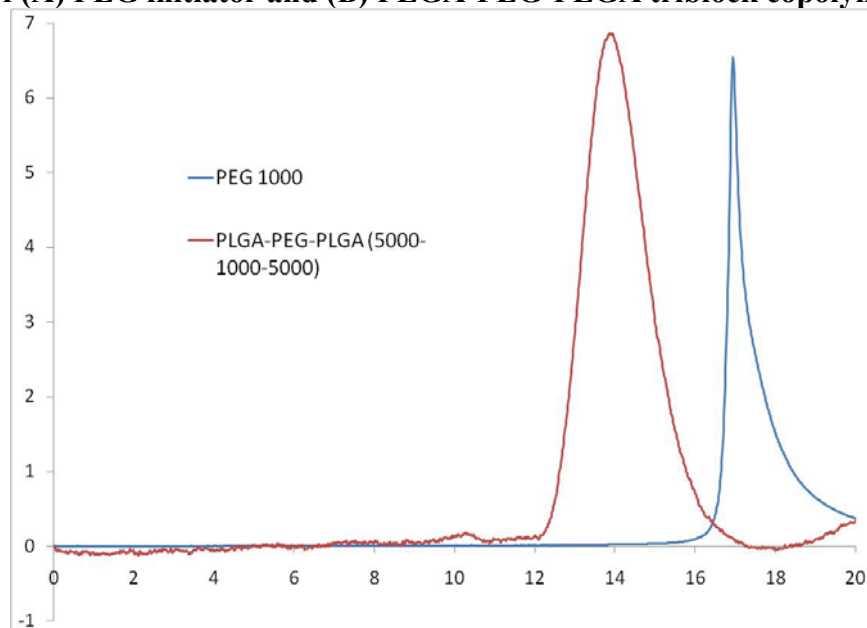
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers

- <sup>1</sup>H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymer in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument)**



$M_n$ , NMR of PEG-PLA/PGA copolymers : 1000-5900/4900

- 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(1000) Initiator	875	1134	1.30
AK15	11548	19443	1.68