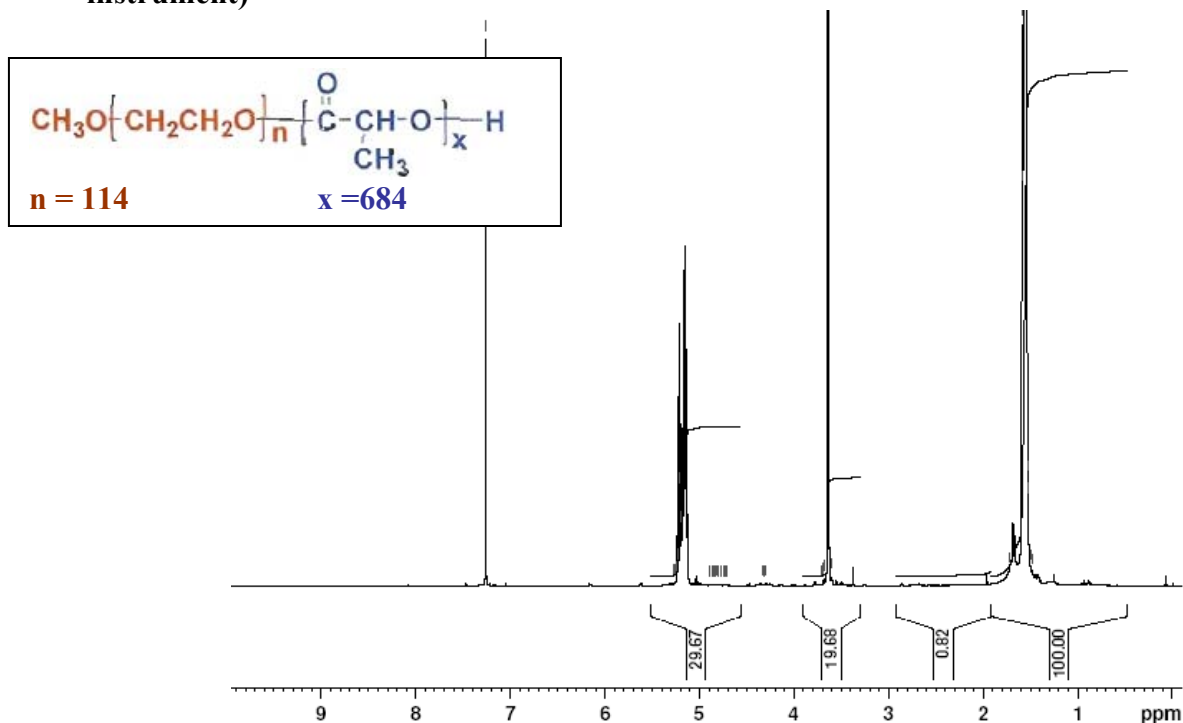


# No. 21 Certificate of Analysis

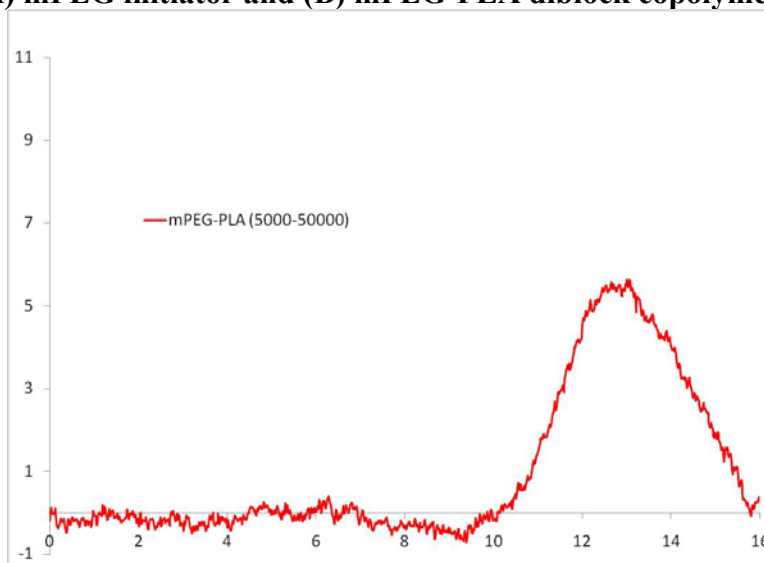
Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly(lactic acid) copolymers

- <sup>1</sup>H-NMR Spectrum of MPEG-PLA diblock copolymer in CDCl<sub>3</sub> (Varian Inova 300 MHz instrument)



$M_n$ , NMR of MPEG-PLA copolymers : 5000-49281

- GPC analysis of (A) mPEG initiator and (B) mPEG-PLA diblock copolymers



Analysis Method: Agilent 1100 system with 1 ml/min THF flow across three PLgel 5 um MIXED-D and -E columns (Agilent) and RI detector.

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
MPEG(5000) Initiator*	4525	4669	1.03
No 21	24170	72503	3.00

\* - Initiator GPC tested via Agilent 100 system 1ml/min THF across three PLgel 5 um Mixed-D and -E columns and RI detector. Not shown on graph.