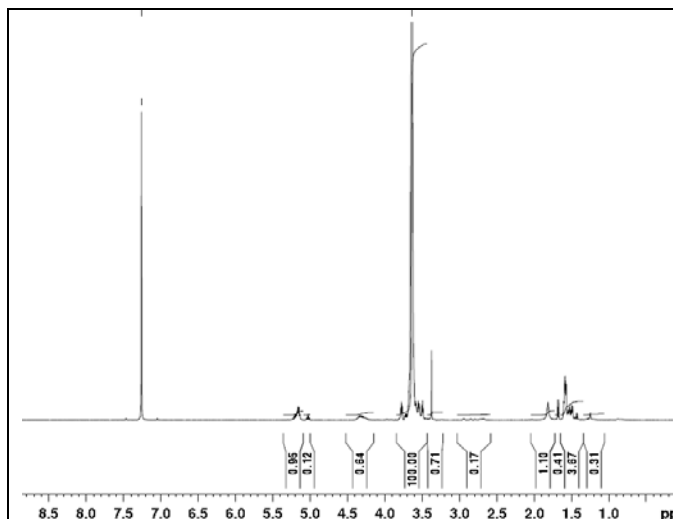


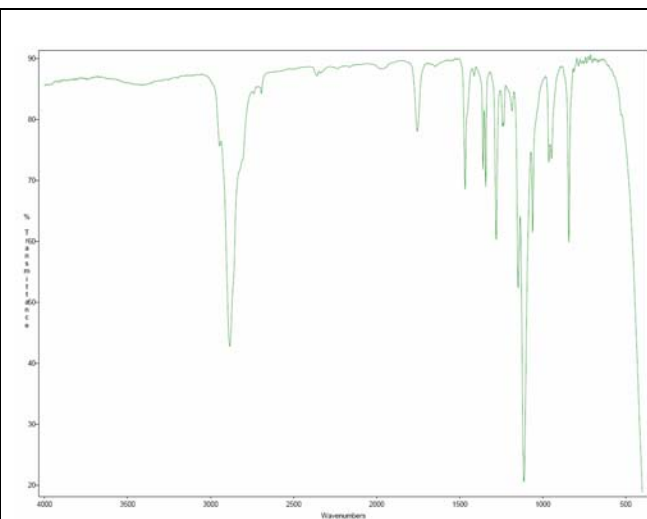
# No. AK48

# Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-b-Poly(L-lactic acid) copolymers  
(~5000:500Da) (Lot#: 30313JLB)

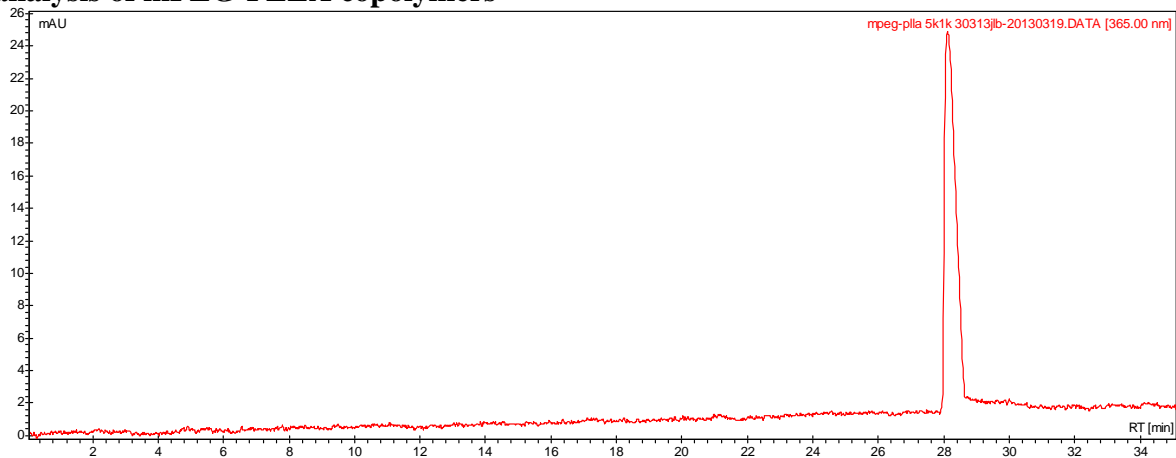


H-NMR Spectrum of mPEG-PLLA copolymers in CDCl<sub>3</sub>  
(Varian Inova 500 MHz instrument), NMR of mPEG-PLLA  
repeat units: EG-LA = 114-5



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

## • GPC analysis of mPEG-PLLA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5u columns and one PLgel Resipore columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-PLLA	6581	6641	1.01

## • Structure of mPEG-PLLA copolymers

