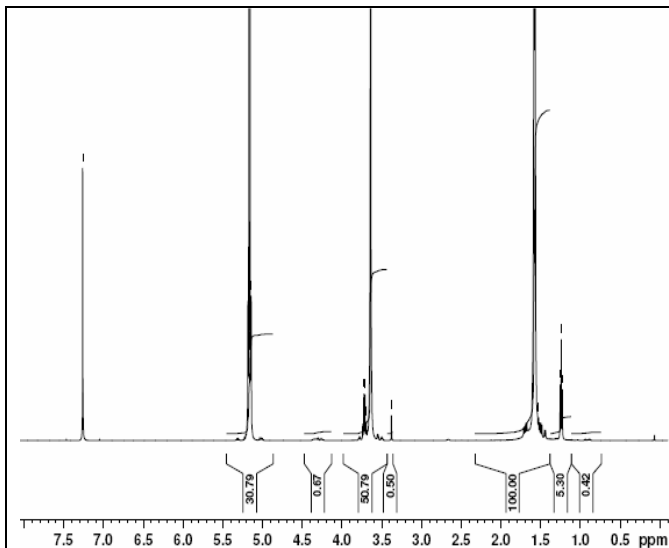
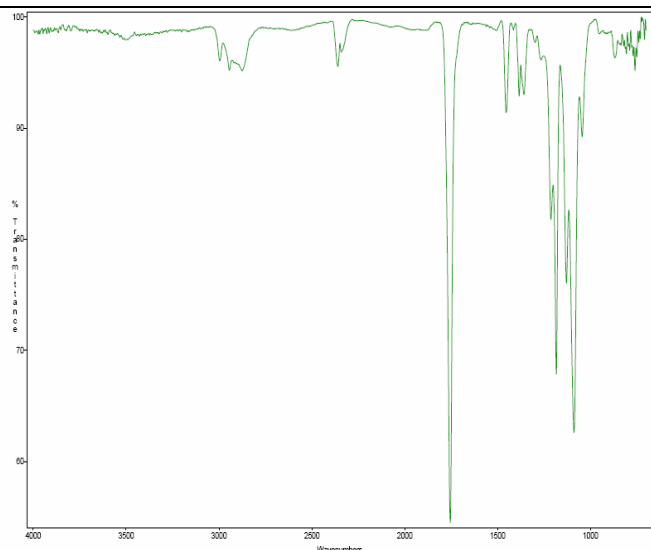


No. AK43 Certificate of Analysis

Product Name: Methoxy Poly(Ethylene glycol)-b-Poly(L)Lactic acid) diblock copolymers (3,000:10,000 Da) (Lot#: 21106JLB)

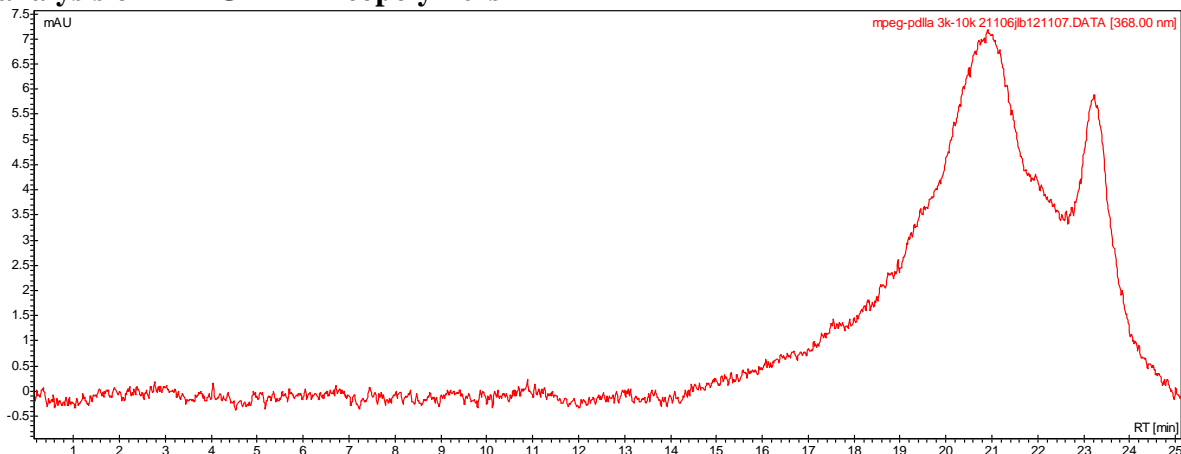


H-NMR Spectrum of mPEG-PLLA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of mPEG-PDLLA copolymers: EG/LA = 3040/11929



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 one PLGel Mixed-D column and one PLGel Mixed-E column and one phenogel 5u column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-PLLA	7495	13110	1.75

- Structure of mPEG-PLLA copolymers

