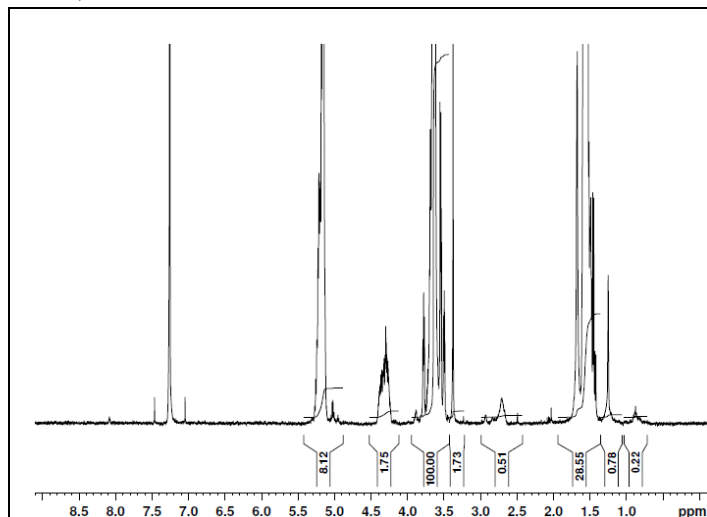


No. AK68 Certificate of Analysis

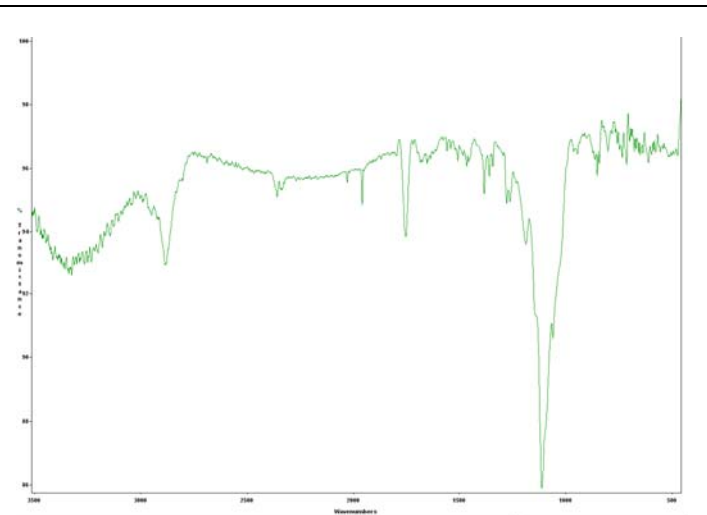
Product Name: Methoxy Poly(ethylene glycol)-b-Poly((D,L) lactic acid) copolymers
($M_w \sim 2,000:1,300$ Da) (Lot#: 40109JSG)

H-NMR



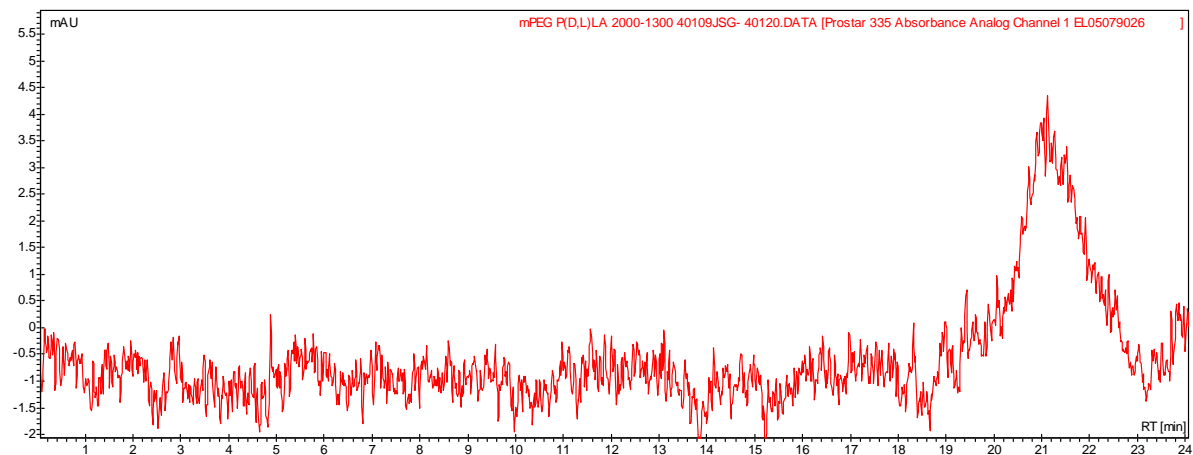
H-NMR Spectrum of mPEG-P(D,L)LA copolymers in $CDCl_3$ (Varian Inova 300 MHz instrument), NMR of mPEG-P(D,L)LA repeat units: EG-LA = 51-17 (M_n -HNMR 2247-1193)

FTIR



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-P(D,L)LA diblock copolymers



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
mPEG-P(D,L)LA	3,175	4,230	1.33
mPEG precursor*	2,298	2,637	1.15

*-data not shown on graph

- Structure of mPEG-P(D,L)LA diblock copolymers

