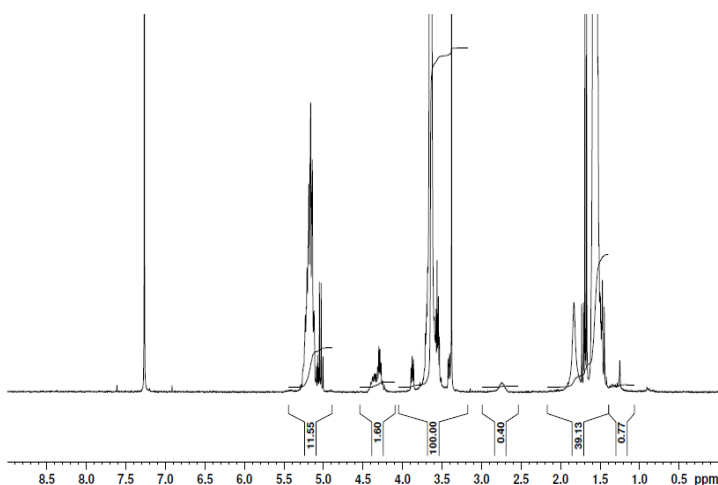
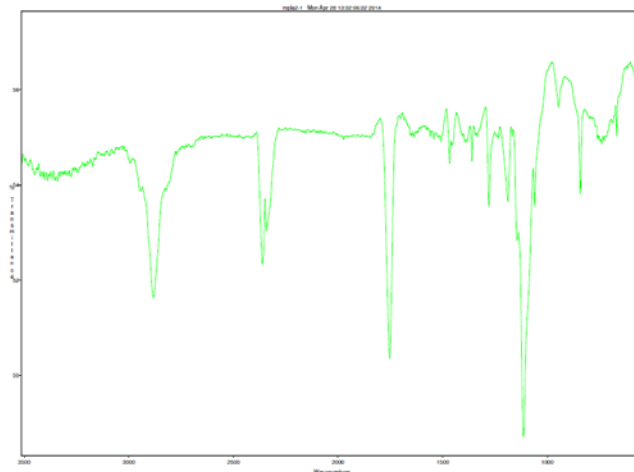


No. AK82 Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-b-Poly((D,L) lactic acid) copolymers
($M_w \sim 2,000:1,800$ Da) (Lot#: 40422SMS-B)

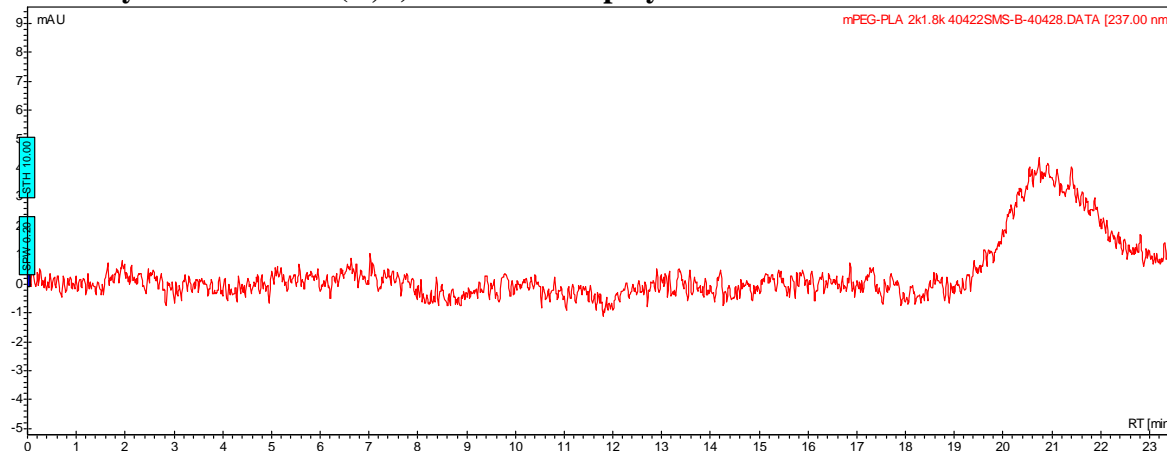


H-NMR Spectrum of mPEG-P(D,L)LA copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of mPEG-P(D,L)LA repeat units:
EG-LA = 51-24 (Mn-HNMR 2247-1696)



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

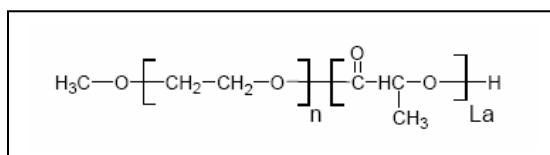


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two phenogel 5 μ m columns and one resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
mPEG-P(D,L)LA	4,359	6,517	1.49
mPEG precursor*	2,298	2,637	1.15

*-data not shown on graph

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



Material provided for research use only. Not for human usage.