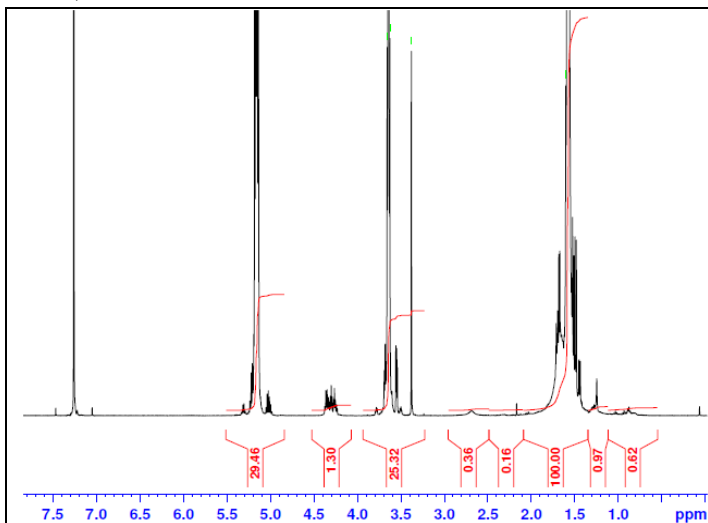


No. AK006

Certificate of Analysis

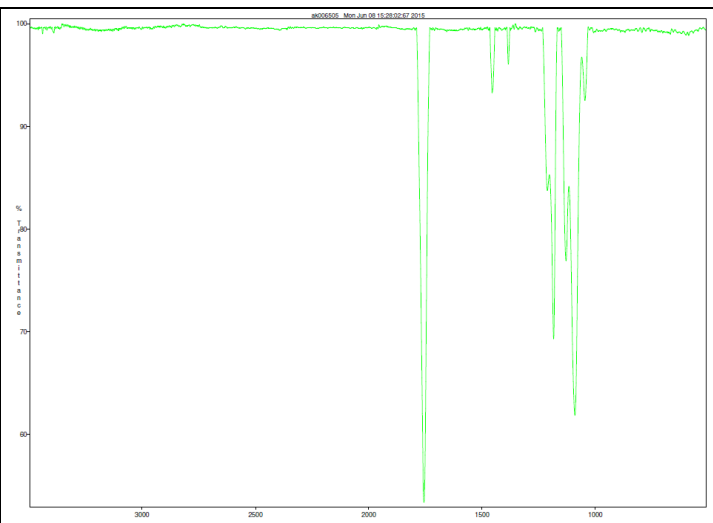
Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly((L)lactide) diblock copolymers
(750:5,600 Da) (Lot#: 50529FAJ)

H-NMR



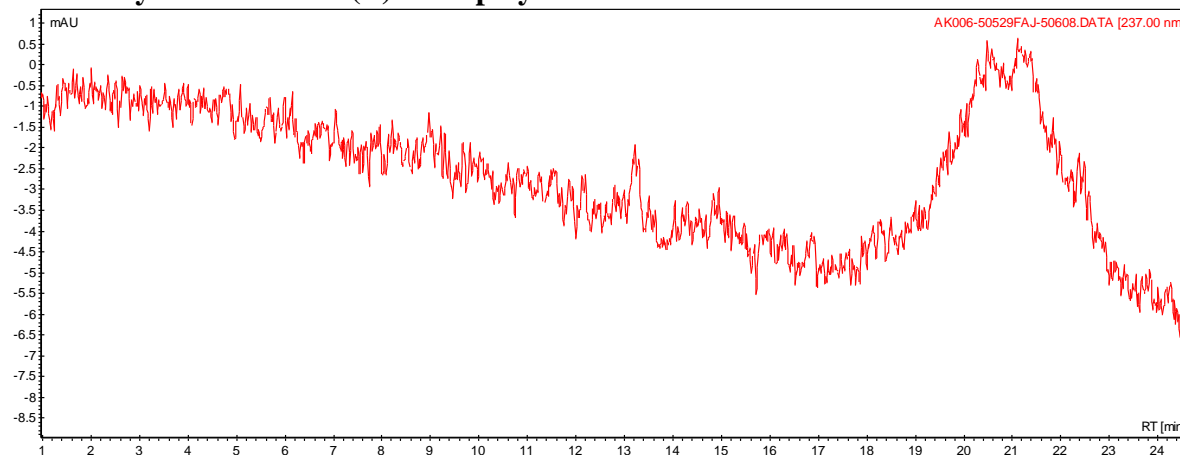
H-NMR Spectrum of mPEG-P(L)LA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of mPEG-PLLA repeat units: EG-LA = 17-79 (M_n 749-5697 Da)

FTIR



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

• GPC analysis of mPEG-P(L)LA copolymers

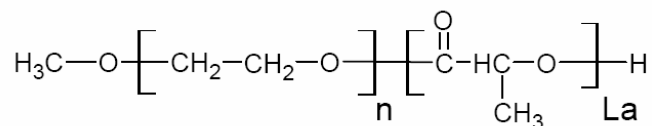


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5u columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against poly(ethylene glycol) standards

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
mPEG-P(L)LA	6,231	10,040	1.61
mPEG initiator	*MFG nominal (M _n 750)		

*-Data provided by manufacturer

• Structure of mPEG-P(DL)LA copolymers



Material provide for research use only. Not for human use.