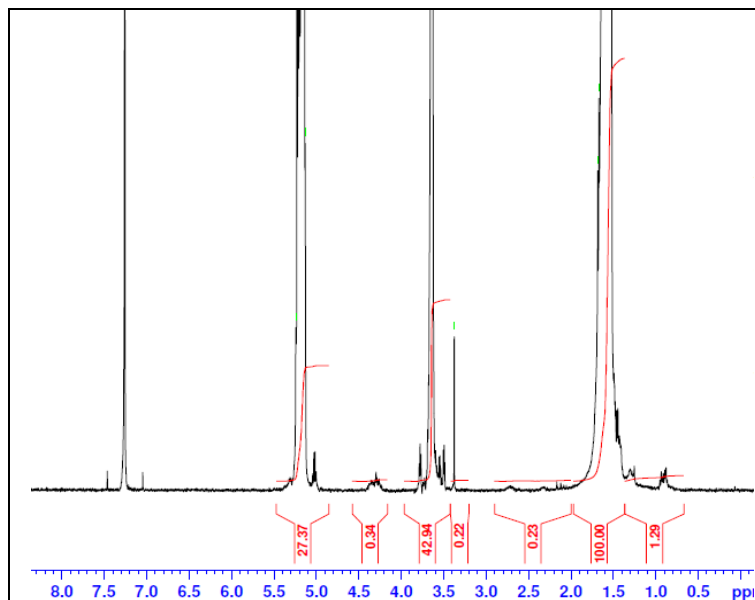


No. AK056

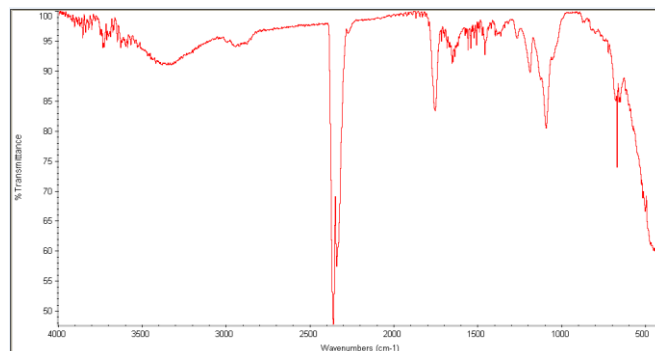
Certificate of Analysis



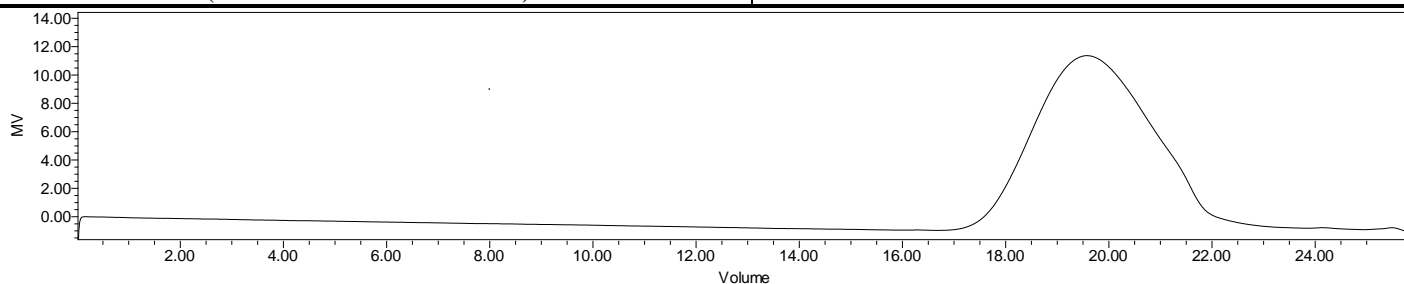
Product Name: Methoxy Poly(ethylene glycol)-b-Poly((D,L) lactic acid) copolymers (MW ~5,000:20,000Da) (Lot#: 190813RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (Bruker 500 MHz, PINMRF) NMR of mPEG-PDLLA copolymer: EG/LA =100/255 (M_n EG/LA 4405*/18357 Da)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



GPC Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PDLLA-PEG	25,633	36,734	1.43
PEG precursor*	4421	5788	1.31

*- from MFG data

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

