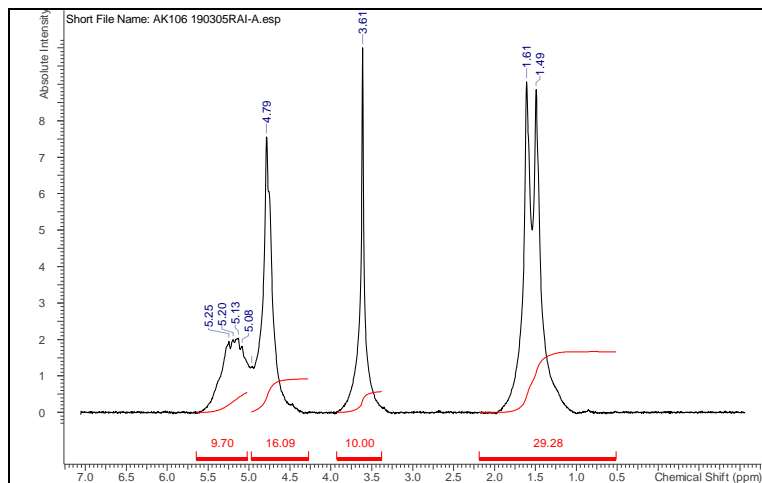


No. AK106

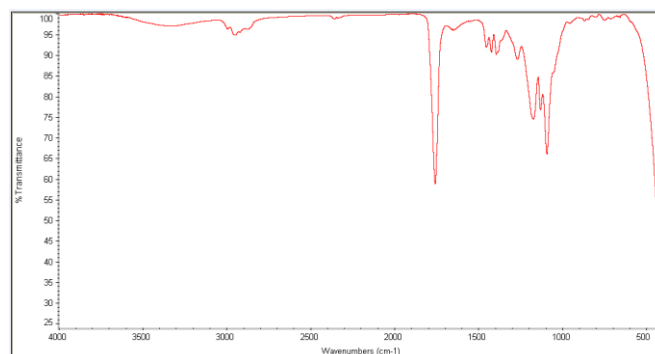
Certificate of Analysis



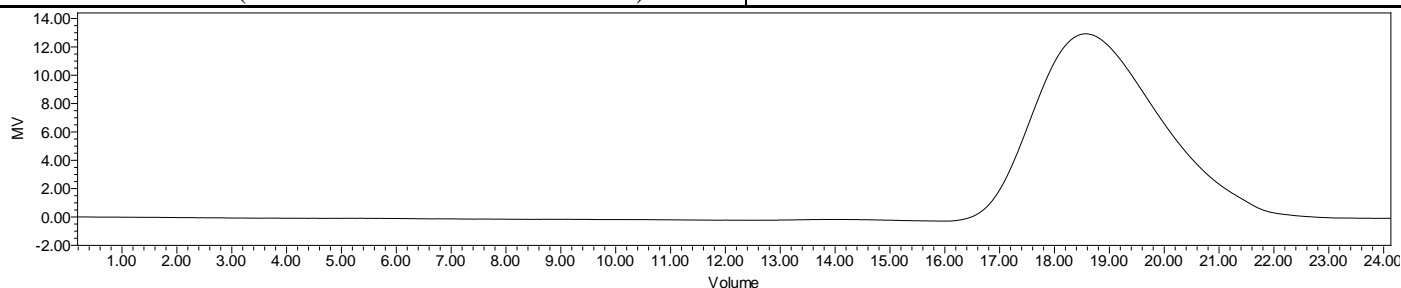
Product Name: Methoxy Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)
(5,000:45,000 Da, 50:50 LA:GA) (Lot#: 190305RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA-PEG copolymer: EG/LA-GA =100/388-322 (M_n EG/LA:GA 4405*/27936:18677)



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
PLGA-PEG	50,638	66,695	1.32
PEG precursor*		4421*	

*- from MFG data

• Structure of mPEG-PLGA copolymer

