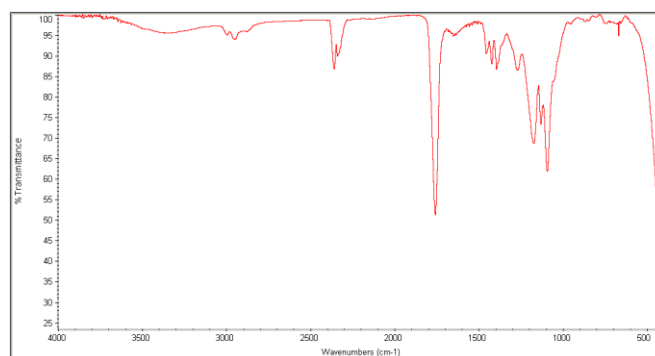
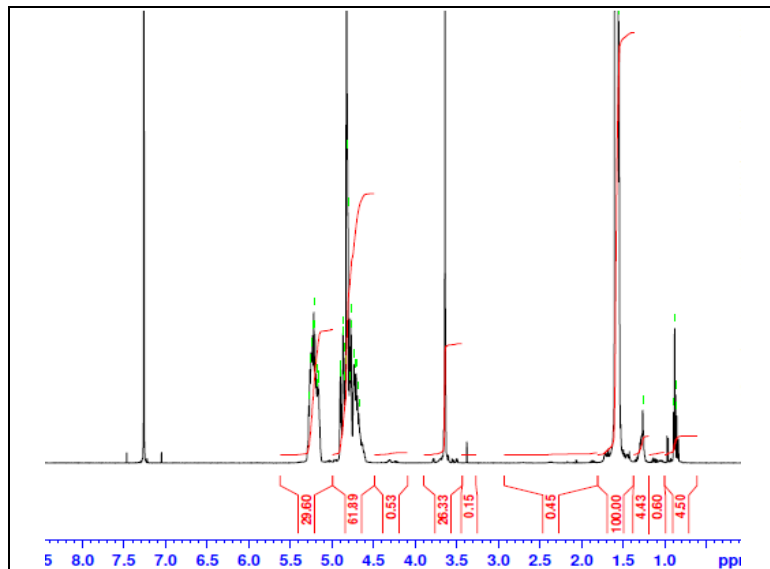


No. AK026

Certificate of Analysis

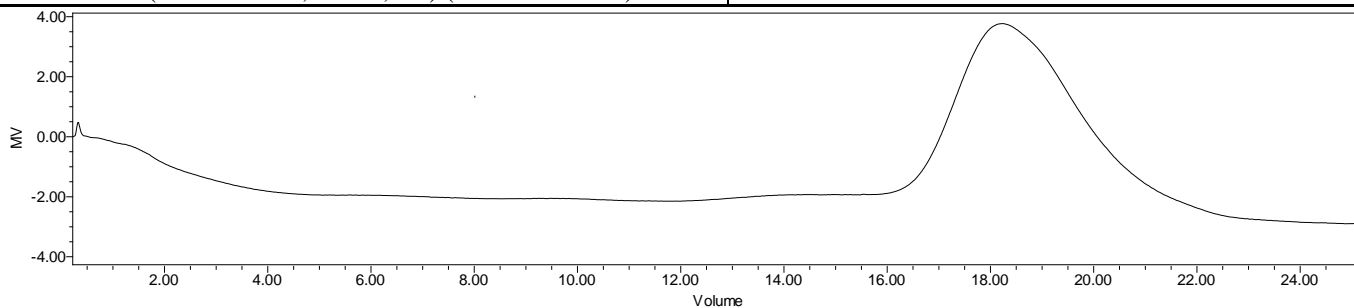


Product Name: Methoxy Poly(ethylene glycol)-Poly(lactide-co-glycolide)
(5,000-55,000 Da) (Lot# 180323SLG-A)



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

H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of mPEG-PLGA repeat units: EG-LA/GA = 114-513/536 (M_n 5022*-36,910/31,105) (* MFG nominal)



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
mPEG-PLGA	51,632	64,874	1.26
mPEG5000 initiator*	5026	5921	1.18

*- from MFG data

• Structure of mPEG-PLGA copolymers

