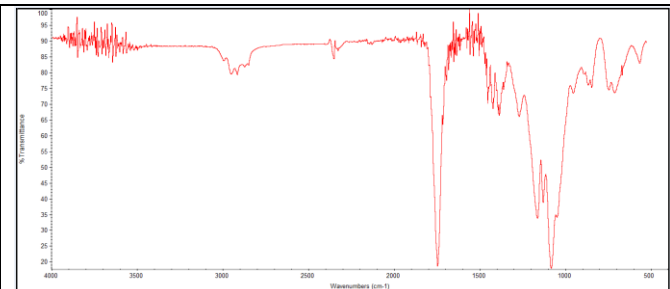
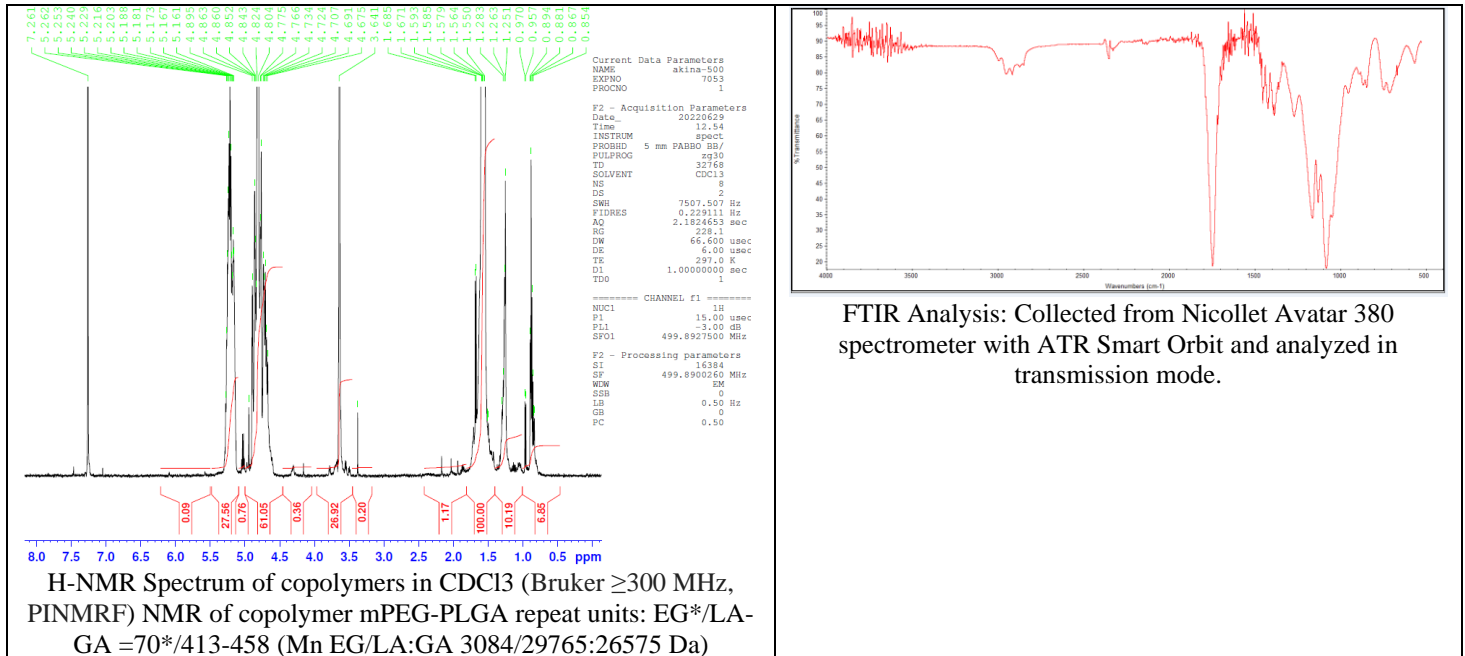


No. AK029

Certificate of Analysis

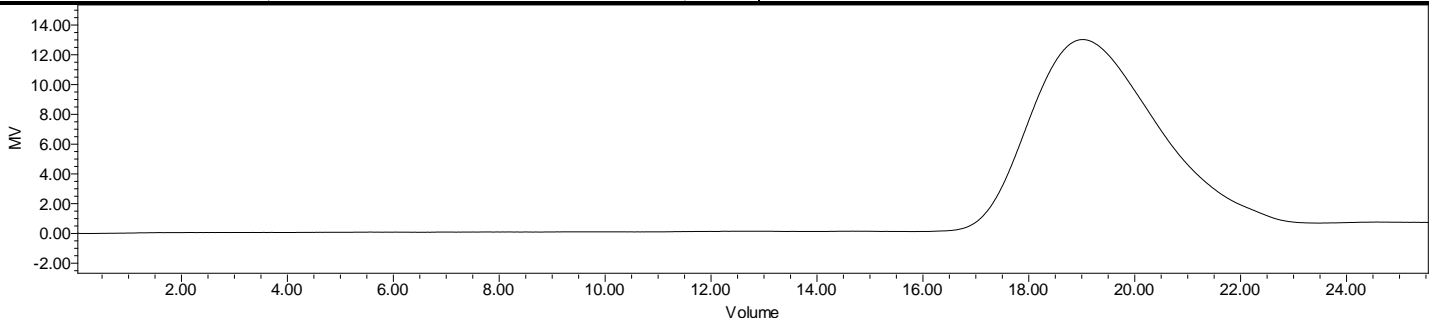


Product Name: Methoxy Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)
(~3,000:36,000 Da) (Lot#: 220620RAI-C)



FTIR Analysis: Collected from Nicolet Avator 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.

H-NMR Spectrum of copolymers in CDCl3 (Bruker ≥300 MHz, PINMRF) NMR of copolymer mPEG-PLGA repeat units: EG*/LA-GA =70*/413-458 (Mn EG/LA:GA 3084/29765:26575 Da)



GPC-ES 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	28,160	49,659	1.76
PEG precursor*	3072*		

*- from MFG data

Structure of mPEG-PLGA copolymers

