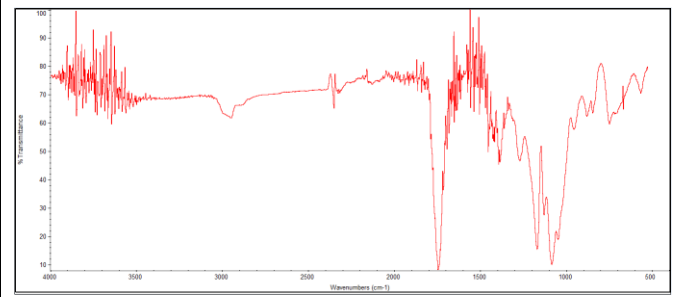
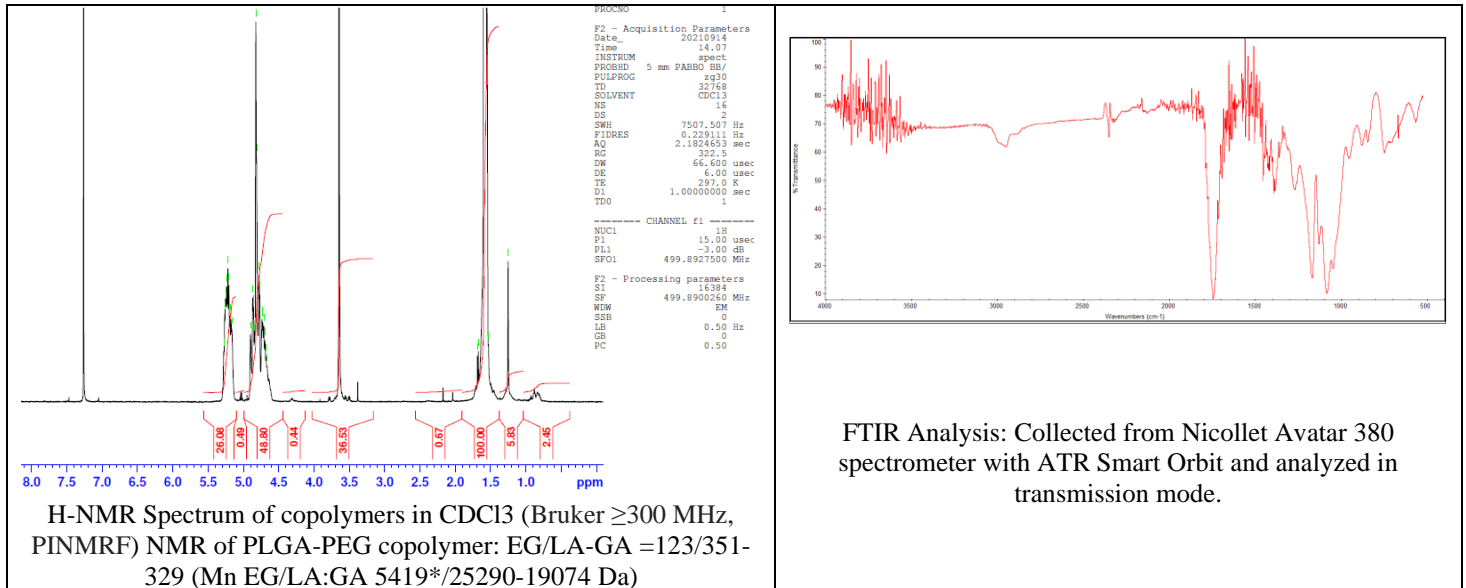


No. AK106

Certificate of Analysis

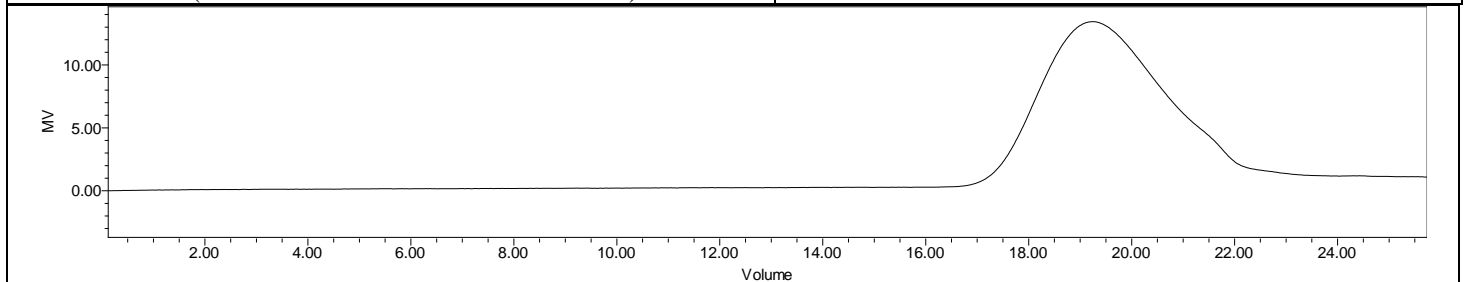


Product Name: Methoxy Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)
(5,000:45,000 Da, 50:50 LA:GA) (Lot#: 210908RAI-A)



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 PLGA-PEG copolymer: EG/LA-GA =123/351-329 (Mn EG/LA:GA 5419*/25290-19074 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
PLGA-PEG	25,529	45,445	1.54
PEG precursor*		5423*	

*- from MFG data

- Structure of mPEG-PLGA copolymer

