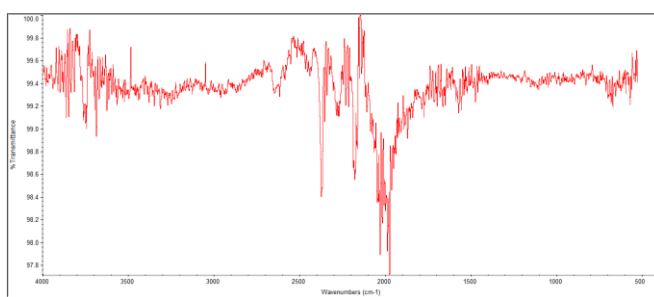
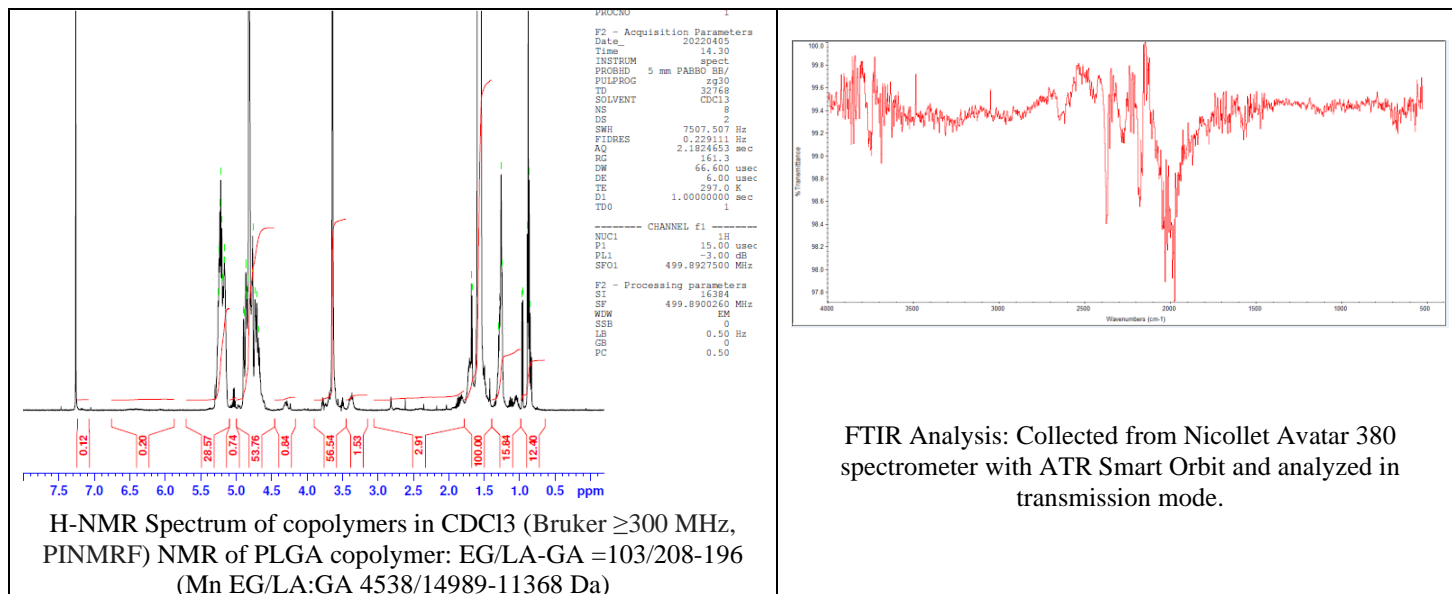


No. AI091

Certificate of Analysis

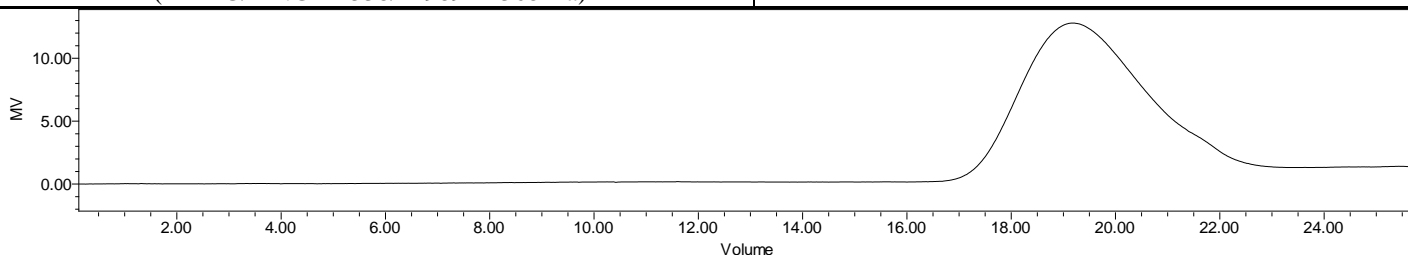


Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-Azide copolymer ($M_w \sim 30,000$ - $5,000$ Da) (Lot #220325AHT-A)



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

H-NMR Spectrum of copolymers in $CDCl_3$ (Bruker ≥ 300 MHz, PINMRF) NMR of PLGA copolymer: EG/LA-GA = 103/208-196 (M_n EG/LA:GA 4538/14989-11368 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-Azide	29,510	47,259	1.60
PEG-precursor*		4555*	

*- from MFG data

Structure of PLGA-PEG-Azide copolymers

