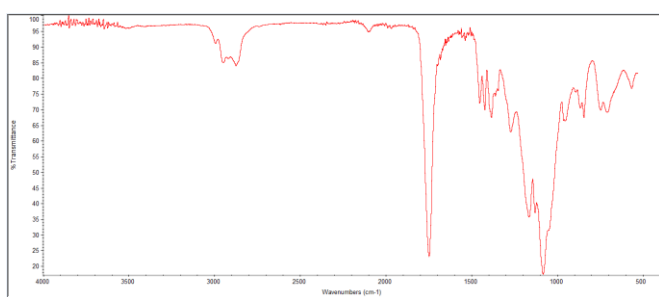
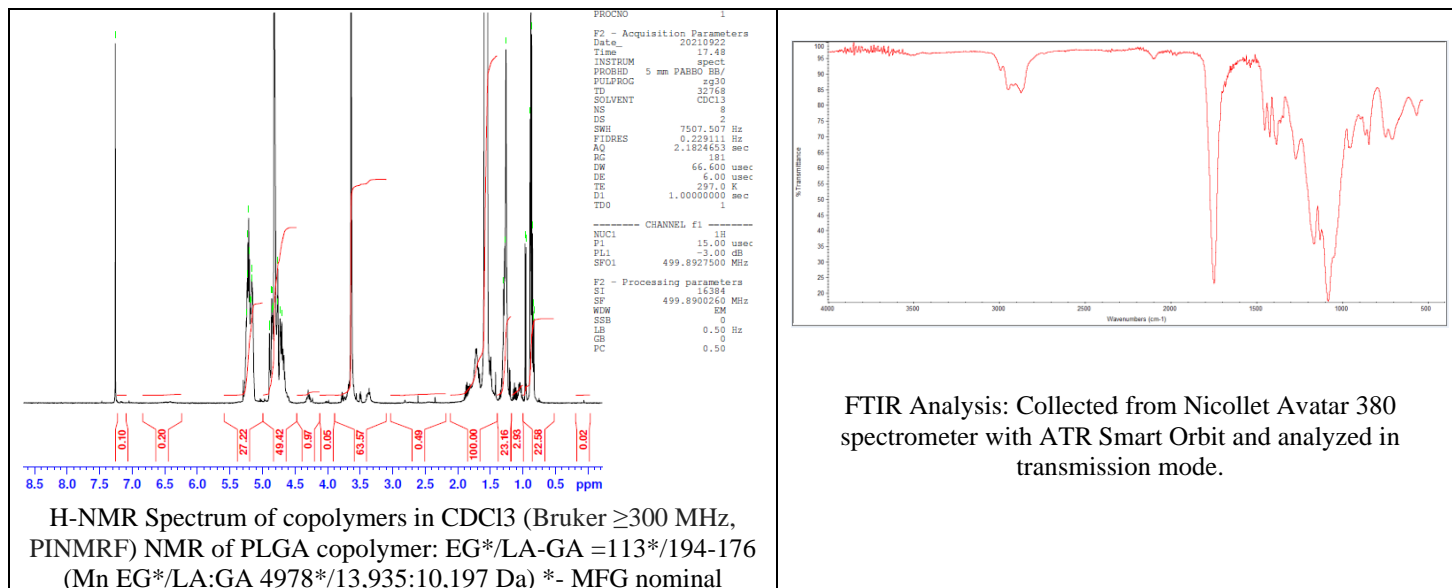


# No. AI091

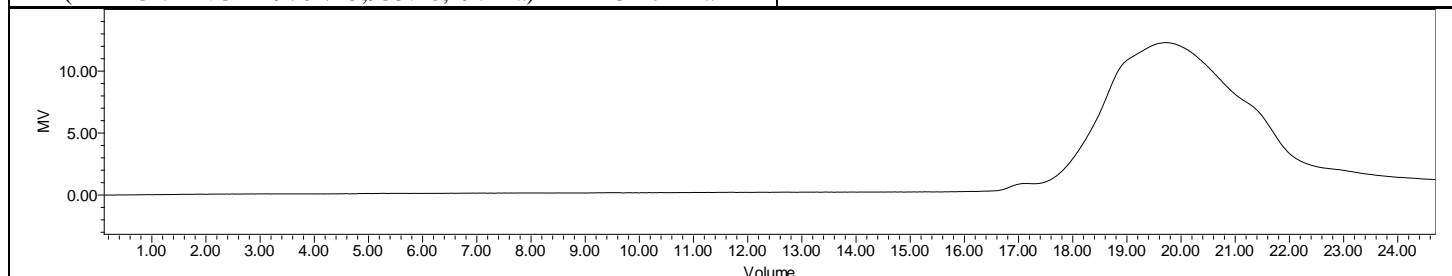
# Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-Azide copolymer ( $M_w \sim 30,000$ - $5,000$  Da) (Lot #210917RAI-C)



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



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	22,676	35,017	1.54
PEG-precursor*		4800*	

\*- from MFG data

## Structure of PLGA-PEG-Azide copolymers

