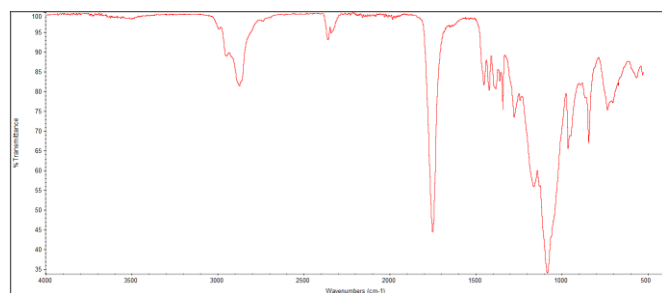
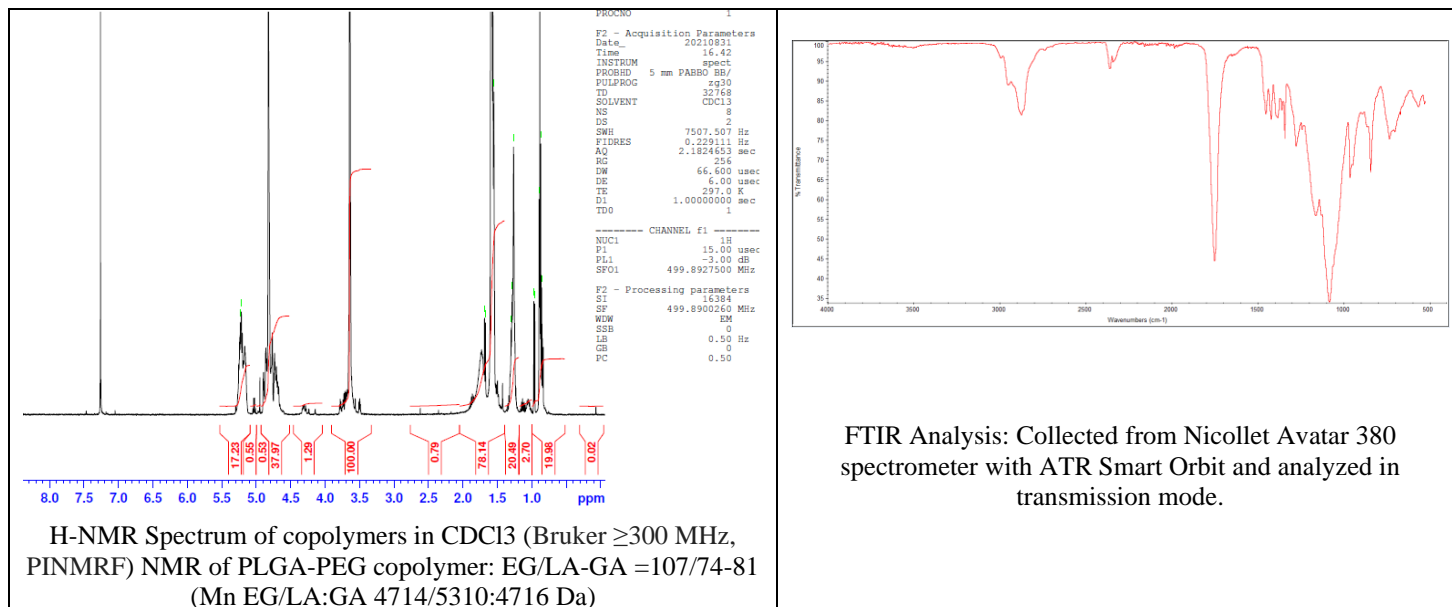


No. AI056

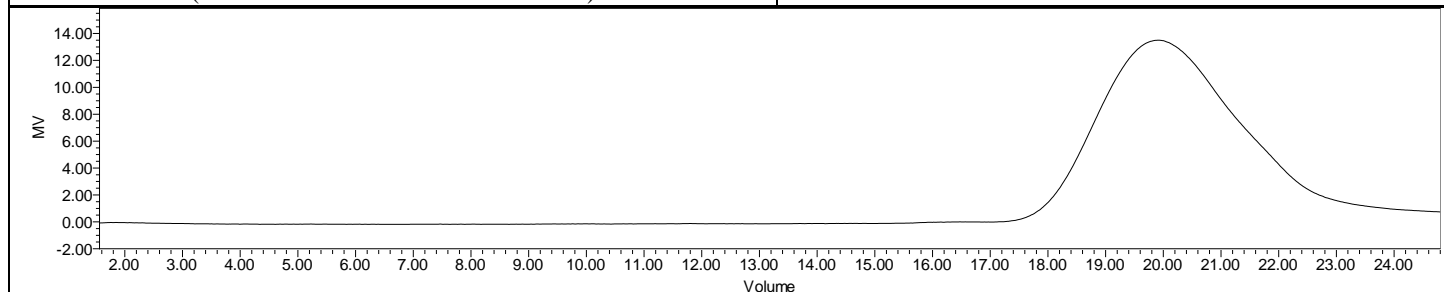
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-carboxylic acid endcap (Mw ~10,000 Da-5,000 Da) (Lot#: 210824RAI-A)



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-COOH	15,922	29,155	1.83
PEG-precursor*		4700*	

*- from MFG data

• Structure of PLGA-PEG-COOH copolymers

