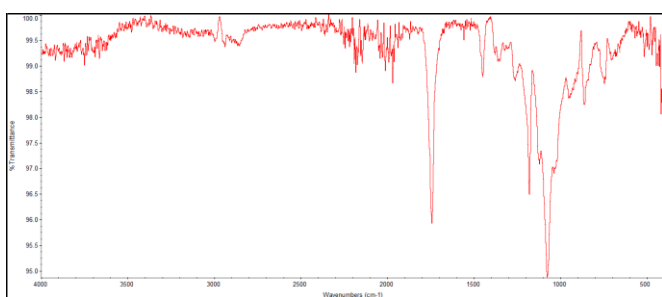
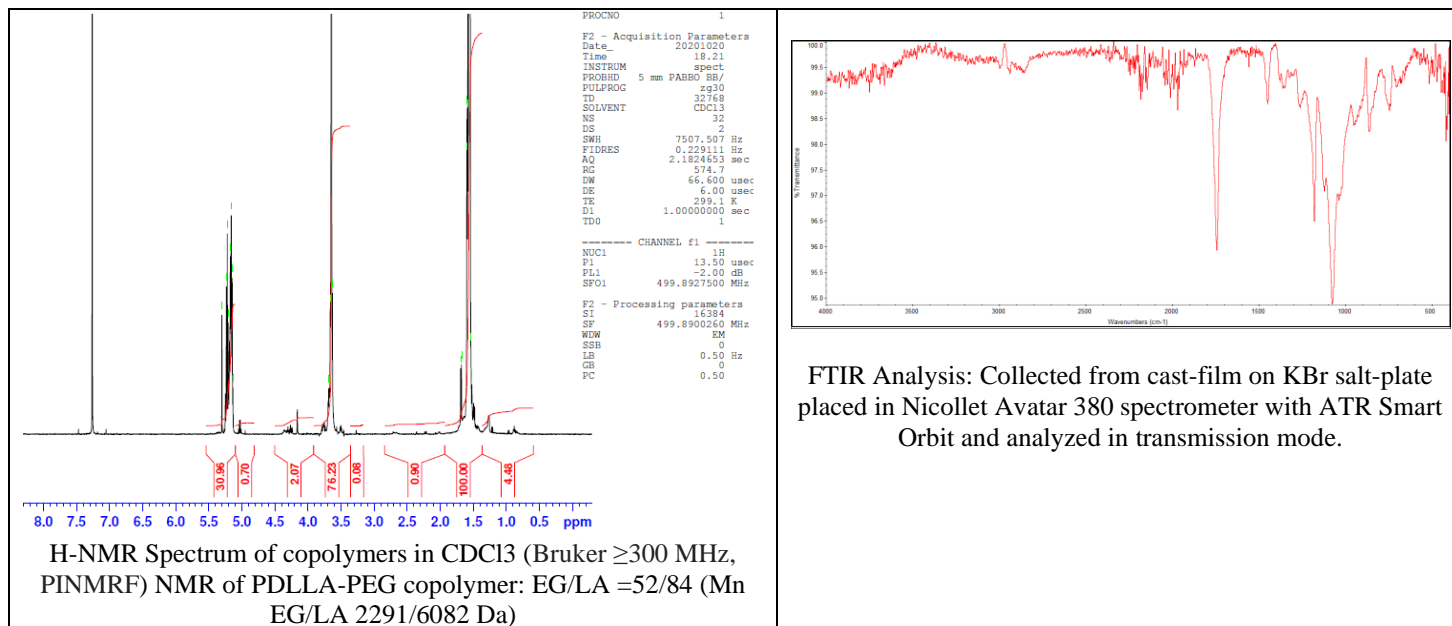


# No. AI201

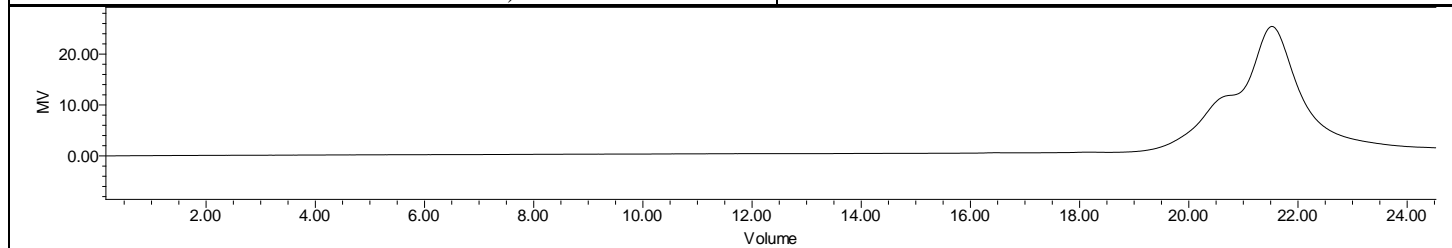
# Certificate of Analysis



Product Name: Poly(D,L-lactide)-b-Poly(ethylene glycol)- carboxylic acid copolymers (5,000-2,000 Da) (Lot#: 201006RAI-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC 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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-PEG-COOH	8971	11,420	1.27
PEG-Precursor*		2300*	

\*- from MFG data

## • Structure of PDLLA-PEG-COOH copolymers

