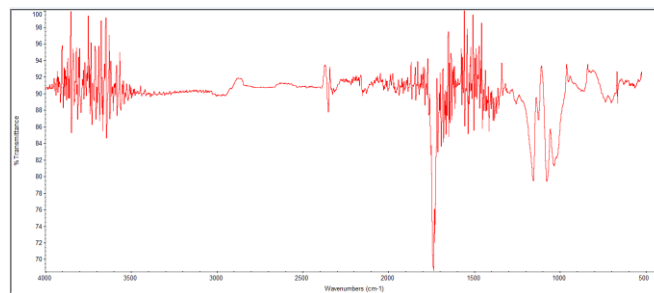
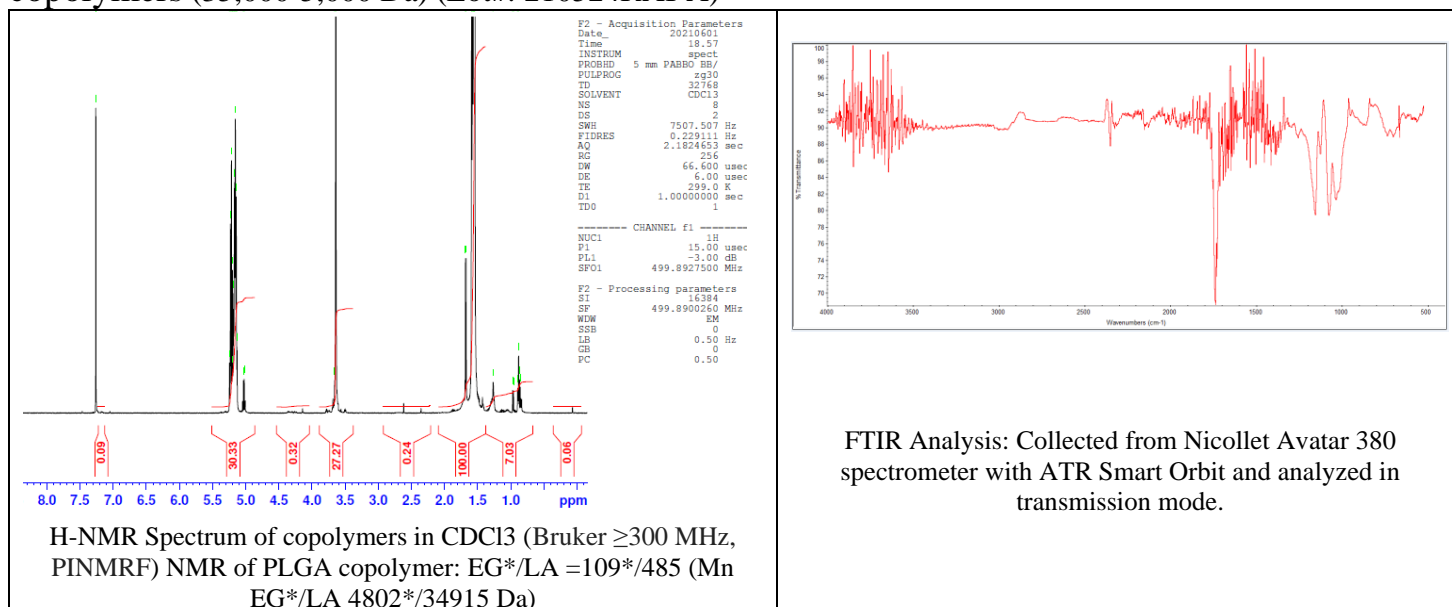


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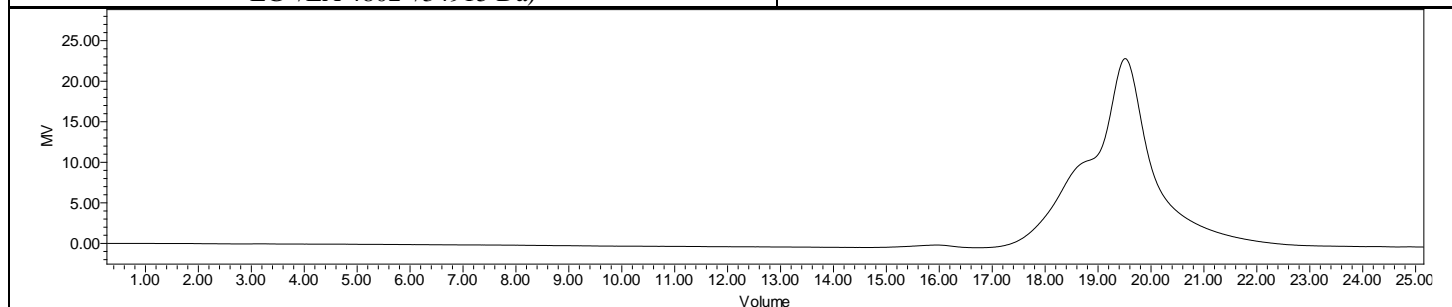
Certificate of Analysis



Product Name: Poly(D,L-lactide)-b-Poly(ethylene glycol)-carboxylic acid copolymers (35,000-5,000 Da) (Lot#: 210524RAI-A)



FTIR Analysis: Collected from Nicolet Avator 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 _n (from GPC)	M _w (from GPC)	PDI
PLGA-PEG-COOH	39,109	46,636	1.19
PEG precursor*		4800*	

*- from MFG data

- Structure of PDLLA-PEG-COOH copolymers

