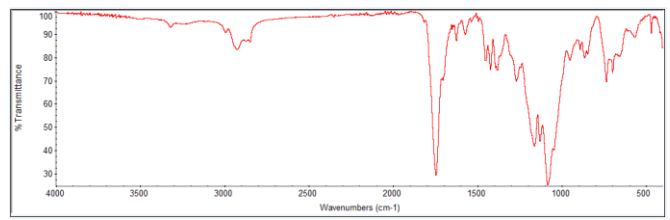
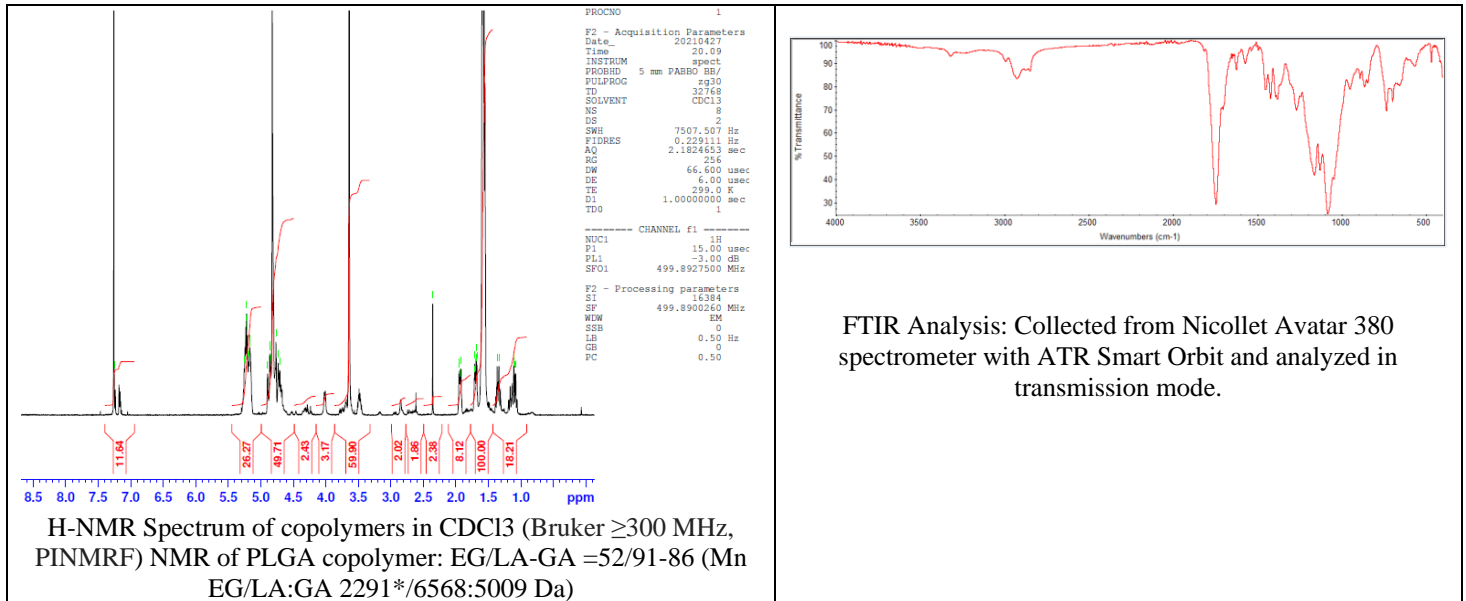


No. AI167

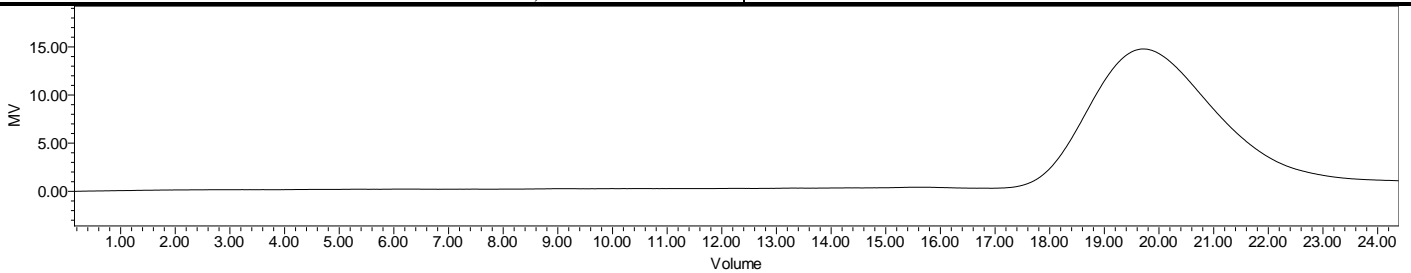
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-biotin
(10,000-2,000Da) Lot #210414RAI-A



FTIR Analysis: Collected from 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 _n (from GPC)	M _w (from GPC)	PDI
PLGA-PEG-biotin	20,628	33,092	1.60
PEG-precursor*		2300*	

* - from MFG data

Structure of PLGA-PEG-biotin

