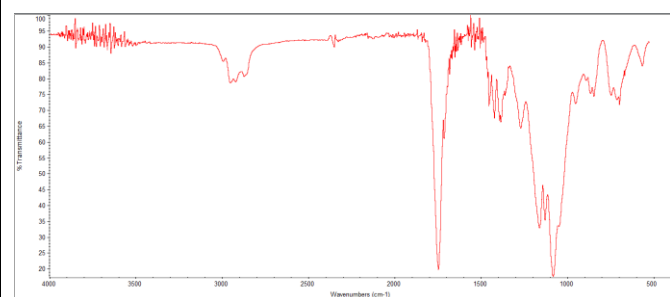
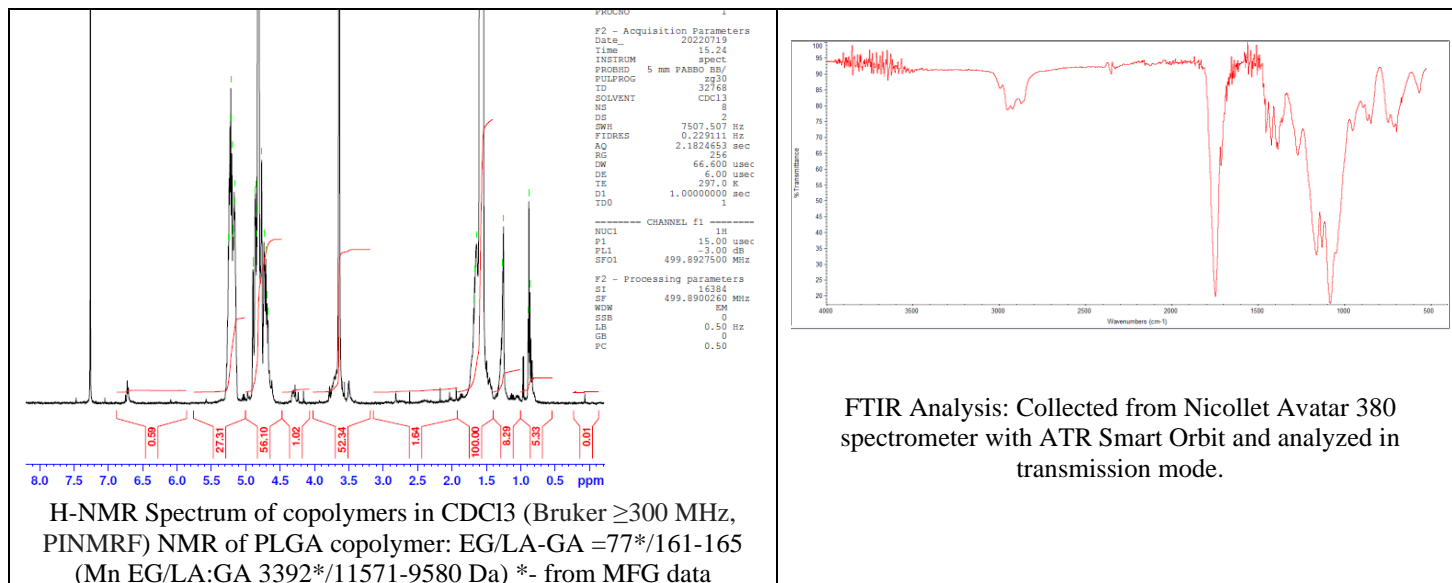


No. AI109

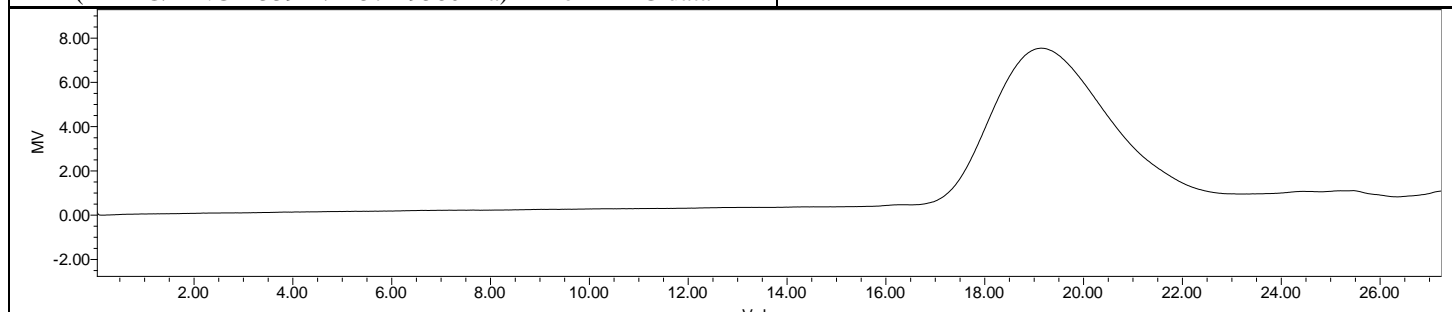
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic)-b-Poly(ethylene glycol)-Maleimide Copolymers ($M_w \sim 20,000-3,400\text{Da}$) (Lot#: 220712RAI-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-Mal	27,780	46,113	1.65
PEG-precursor		3400*	

*- from MFG data

Structure of PLGA-PEG-Mal copolymers

