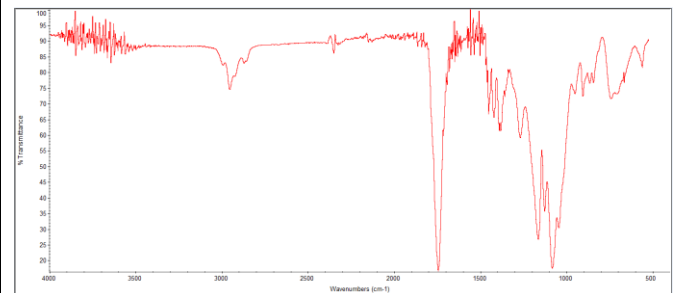
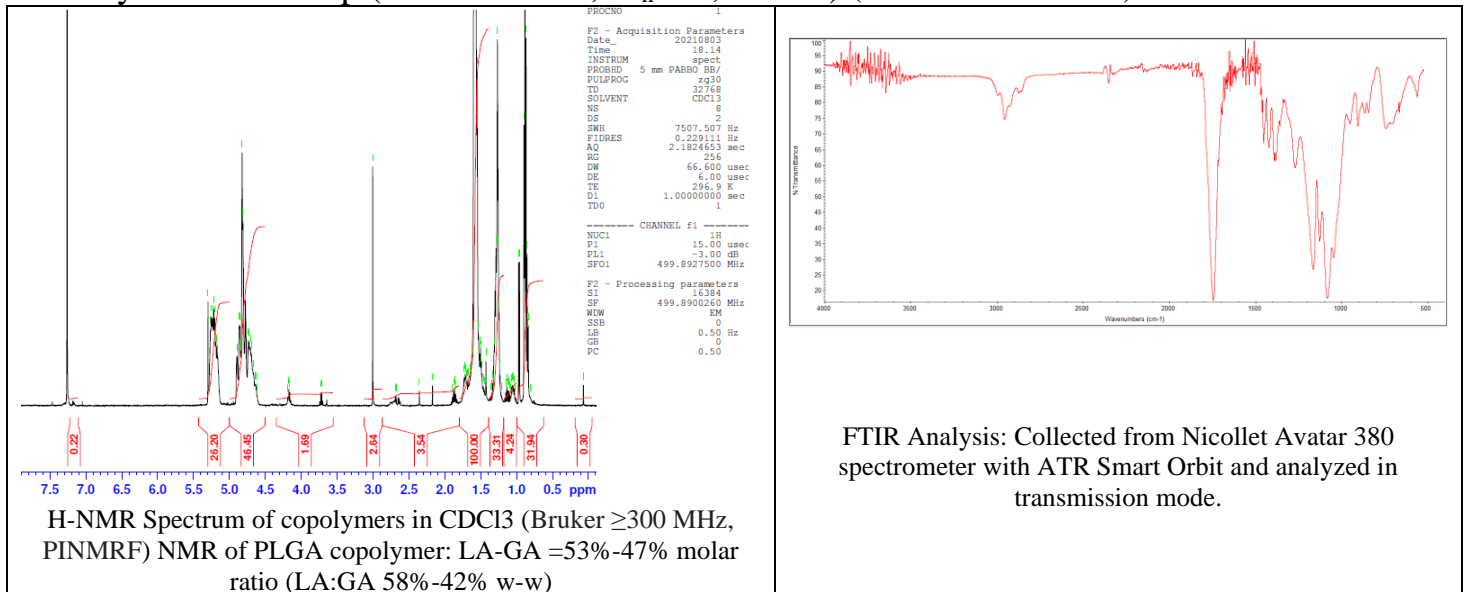


No. AI220

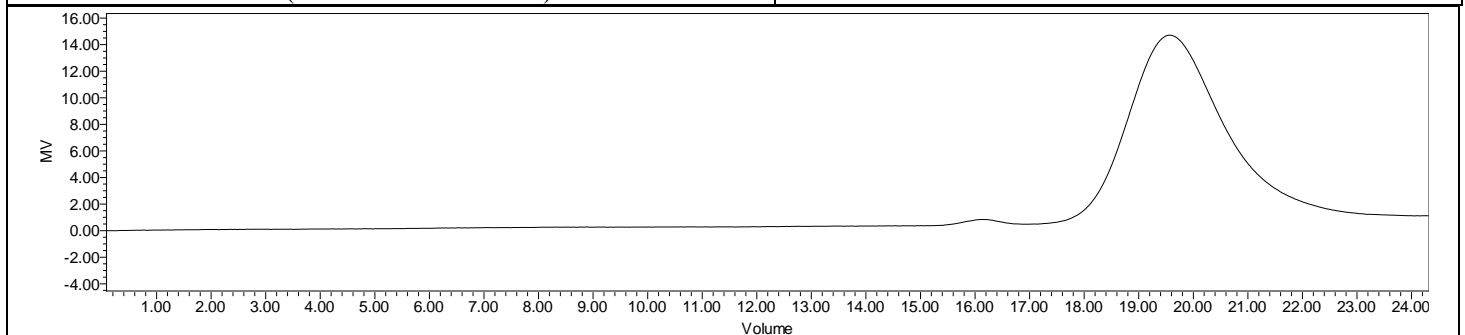
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid)-4-arm (Pentaerthiol initiated)-Carboxylic acid endcap (50:50 LA:GA, M_n : 20,000 Da) (Lot#: 210727RAI-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-PAE-COOH	25,281	35,167	1.39

Structure of PLGA-PAE-COOH copolymer:

