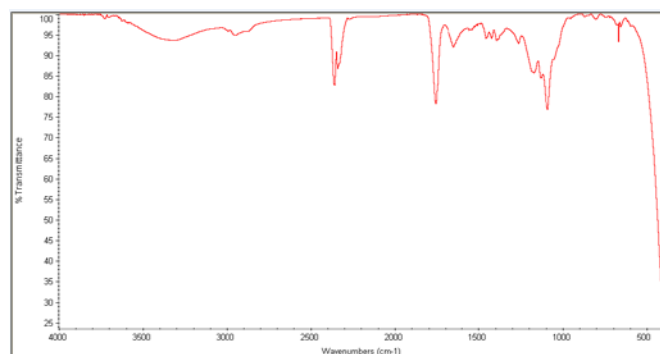
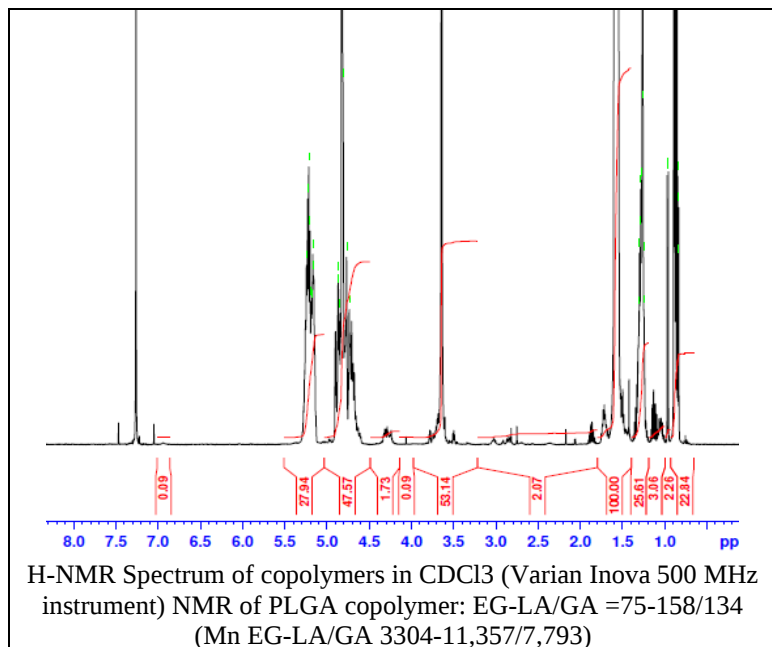


No. AI163

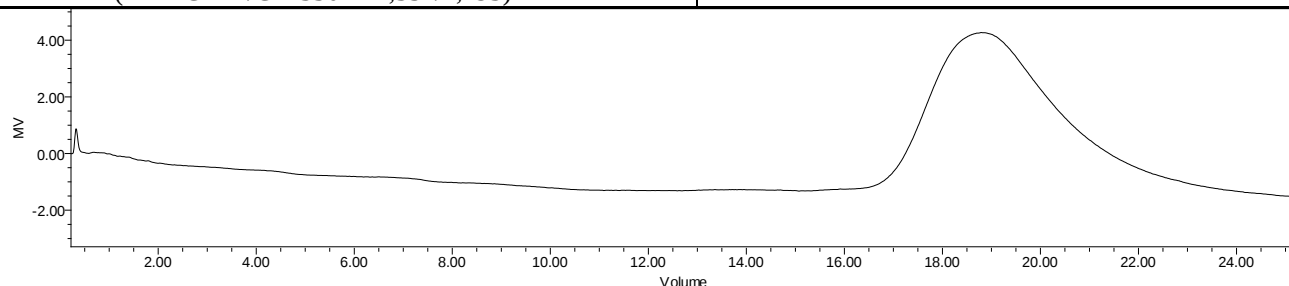
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-Cysteine Ethyl ester (Thiol) (Mw ~ 17,000-3,000Da Da) (Lot # 180321SLG-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolette Avatar 370 spectrometer and analyzed in transmission E.S.P. 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	25,930	41,386	1.60
PEG*	3304*		

*- from MFG data

• Structure of PLGA-PEG-THIOL

