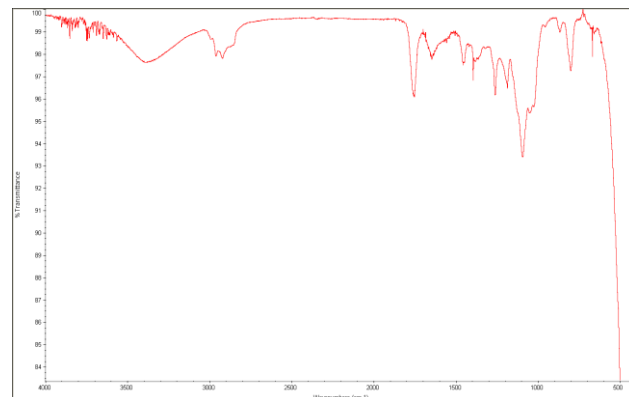
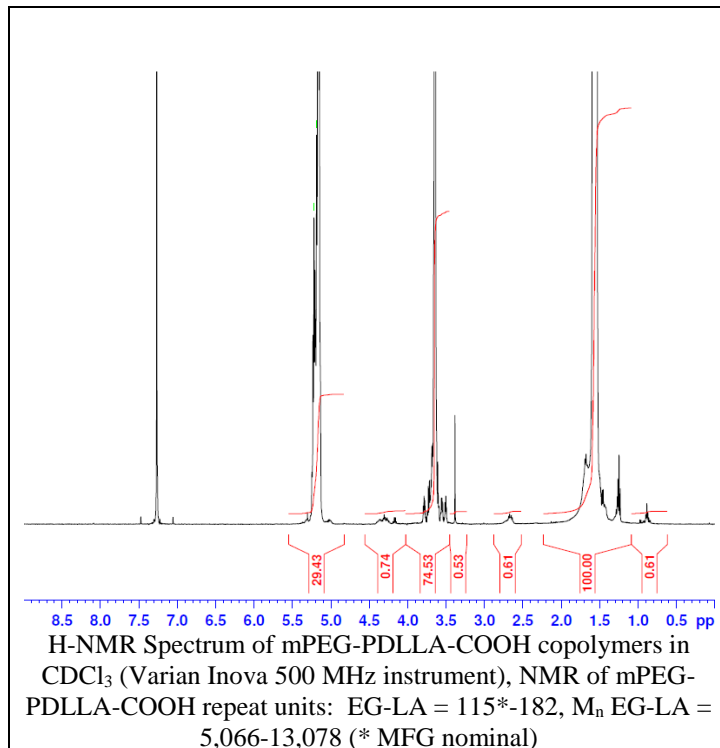


No. AI077

# Certificate of Analysis

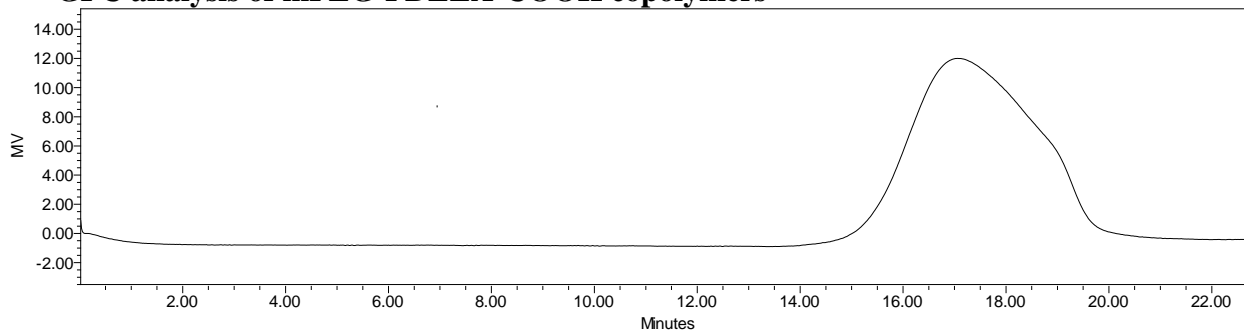


Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly(D,L-lactic acid)-carboxylic acid endcap diblock copolymers ( $M_w \sim 5,000:14,000$  Da) (Lot#: 70321JSG-A) (REV:A - GPC)



FTIR Analysis: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in transmission E.S.P. mode.

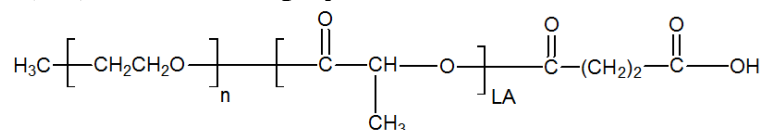
## • GPC analysis of mPEG-PDLLA-COOH copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns (mixed porosity). Detection via refractive index, calibrated against polystyrene standards.

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
mPEG-PDLLA-COOH	25,515	42,417	1.66

## • Structure of mPEG-P(DL)LA-COOH copolymers



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