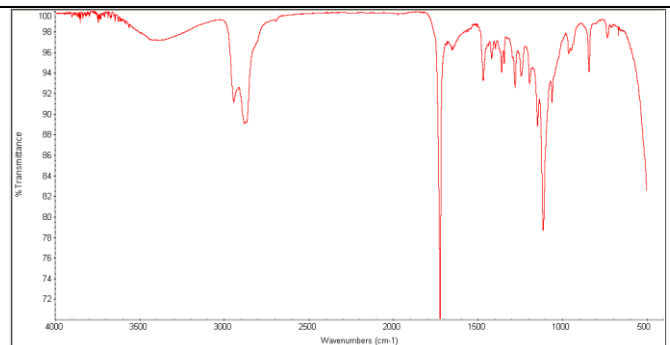
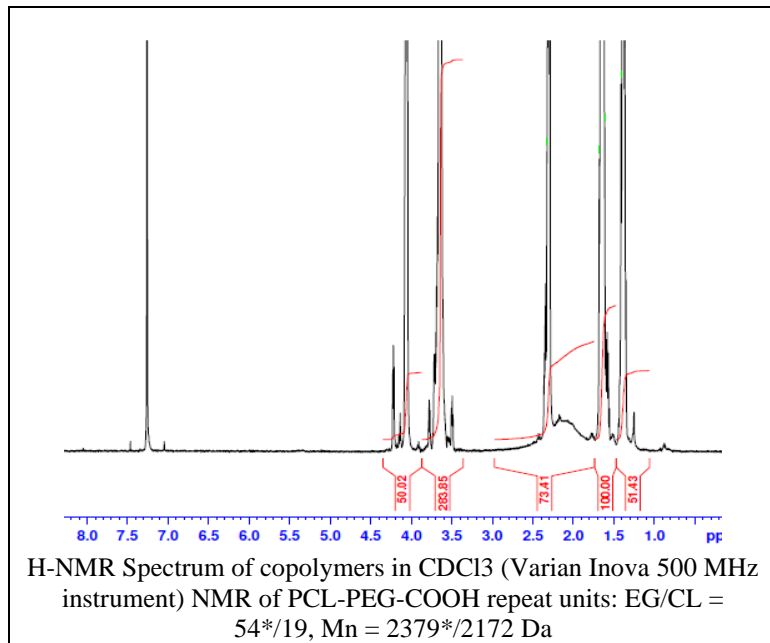


# No. AI156

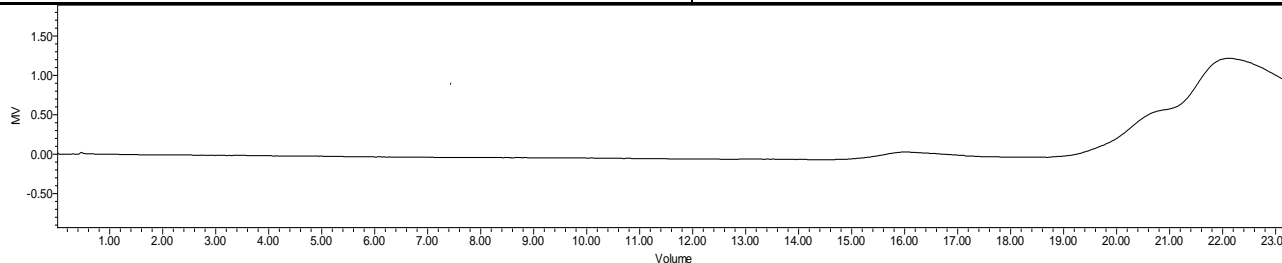
# Certificate of Analysis



Product Name: Poly(caprolactone)-b-Poly(ethylene glycol) carboxylic acid  
(2000-2000 Da) (Lot#: 170926SMS-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Protégé 460 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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PCL-PEG-COOH	5,181	5,253	1.01
HO-PEG-COOH precursor*	2400 Da Mn by GFC*		

\*- from MFG data

## Structure of PCL-PEG-COOH copolymer

