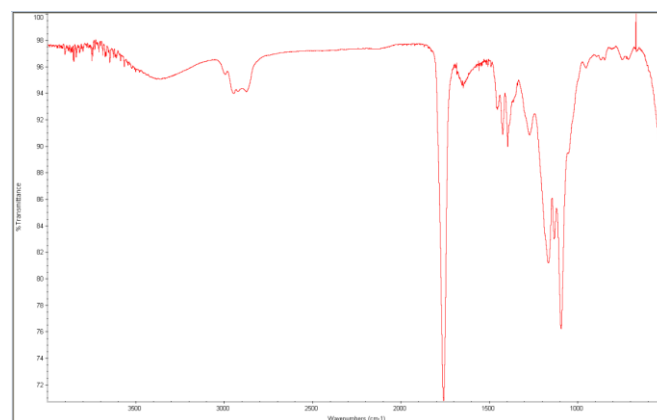
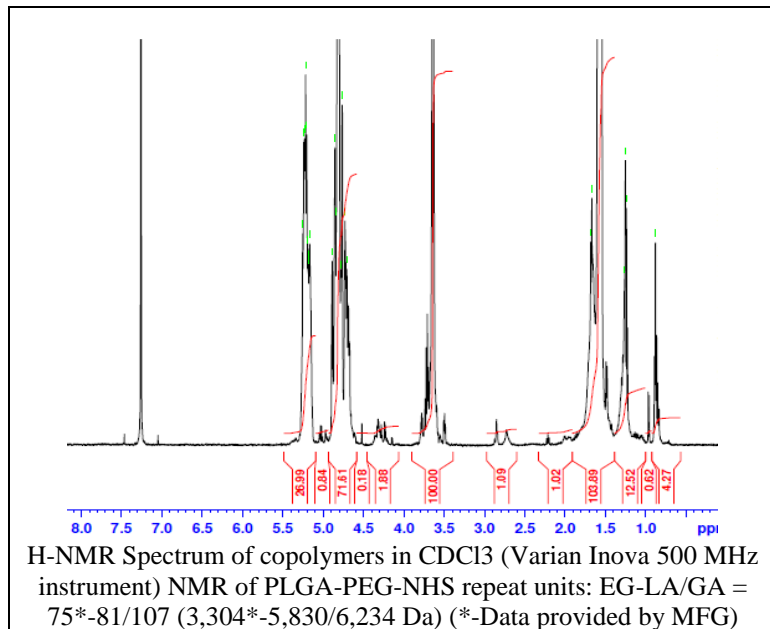


# No. AI064

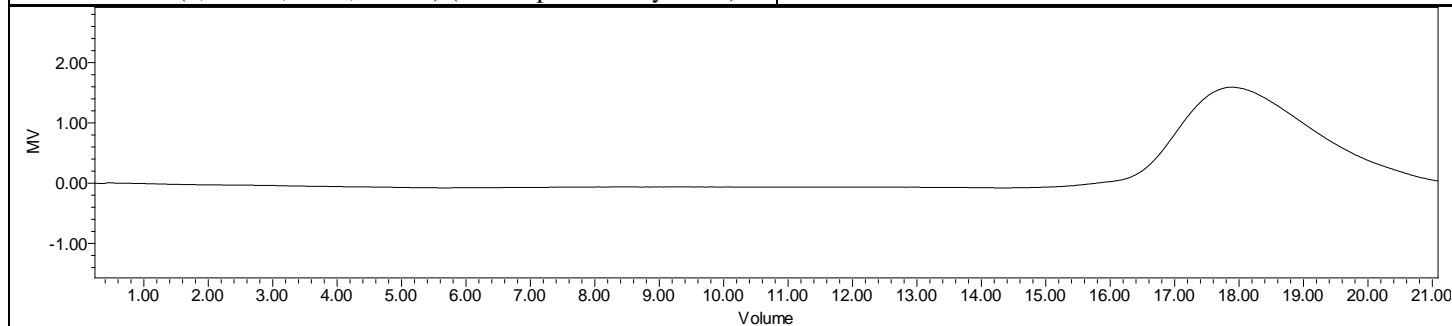
# Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-N-hydroxysuccinimide endcap (~17,000 Da-3,000 Da, 50:50 LA:GA) (Lot#: 170925SJH-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Protégé 460 spectrometer and analyzed in transmission E.S.P. mode.



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
PLGA-PEG-NHS	18,464	24,454	1.32
HO-PEG-COOH*	Average Mn by GFC = *3,300		

\*- from MFG data

## • Structure of PLGA-PEG-NHS copolymers

