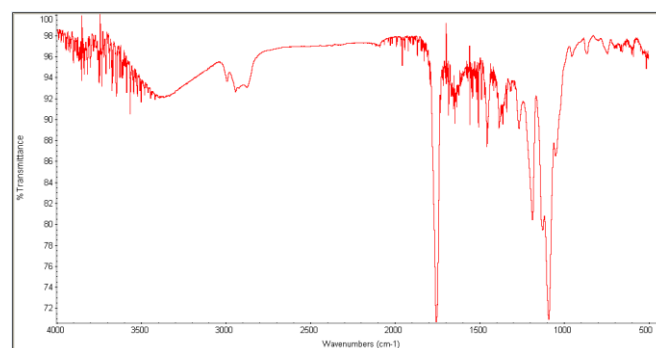
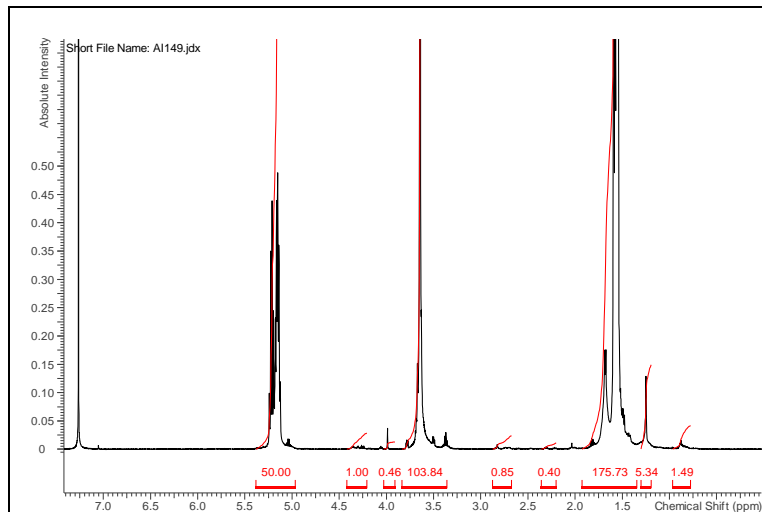


No. AI149

Certificate of Analysis

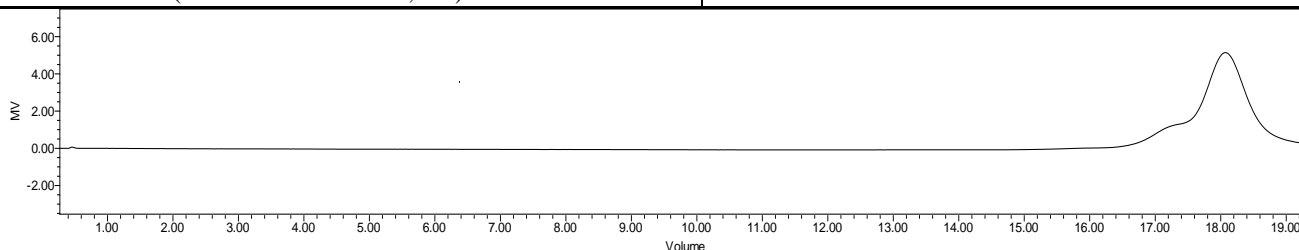


Product Name: Poly((D,L)Lactide)-b-Poly(ethylene glycol)-Azide
PLA-PEG-N3 16,000-5000 Da (Lot #170928SMS-A)



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

H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLA-PEG-PLA repeat units: EG-LA = 111-214 (Mn EG-LA: 4889-15,393)



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
PLA-PEG-N3	23,626	25,256	1.06
PEG*	Mn (by GFC) 4900*		

*- from MFG data

Structure of PLA-PEG-N3

