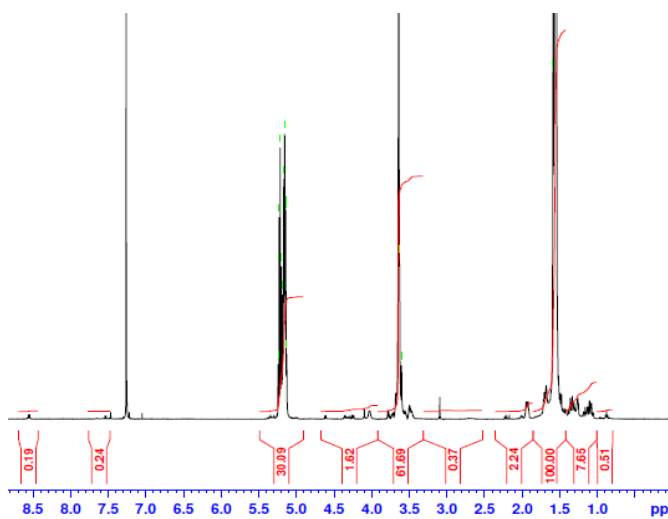


# No. AI150

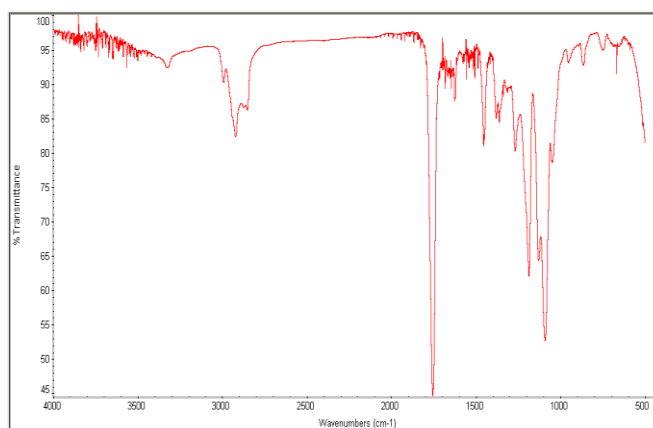
# Certificate of Analysis



Product Name: Poly(DL-lactide)-b-poly(ethylene glycol)-methyltetrazine  
Endcap (16,000-5,000 Da) (Lot #171103JSG-A)

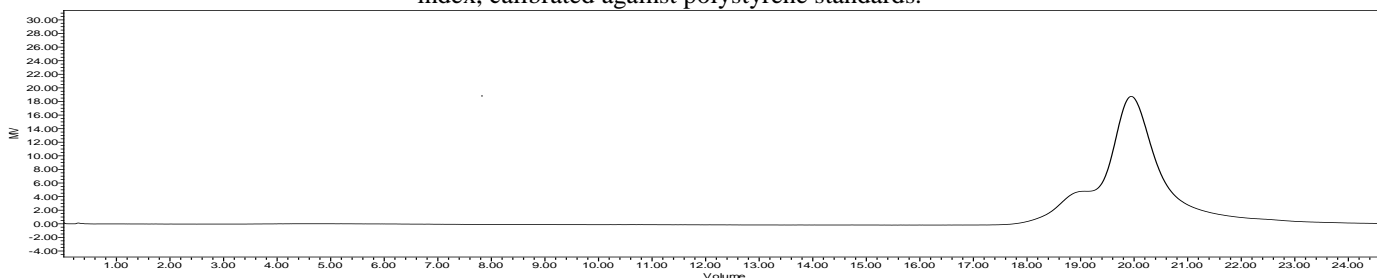


H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument) NMR of PLA-PEG copolymer: EG-LA =112\*-219 (Mn EG-LA: 4934\*-15,733)



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
PLGA	21,596	24,106	1.12
PEG precursor*	M <sub>n</sub> (by GFC) 4900*		

\*- from MFG data

## • Structure of PLA-PEG-MTZ copolymers

