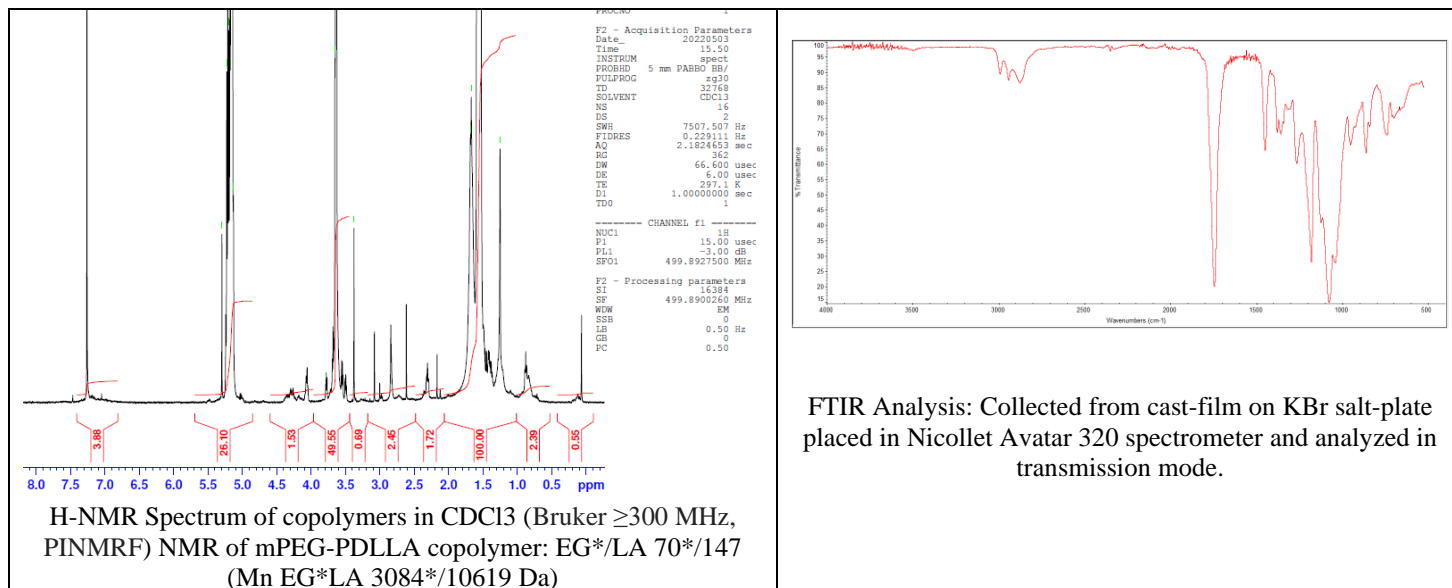


No. AV049

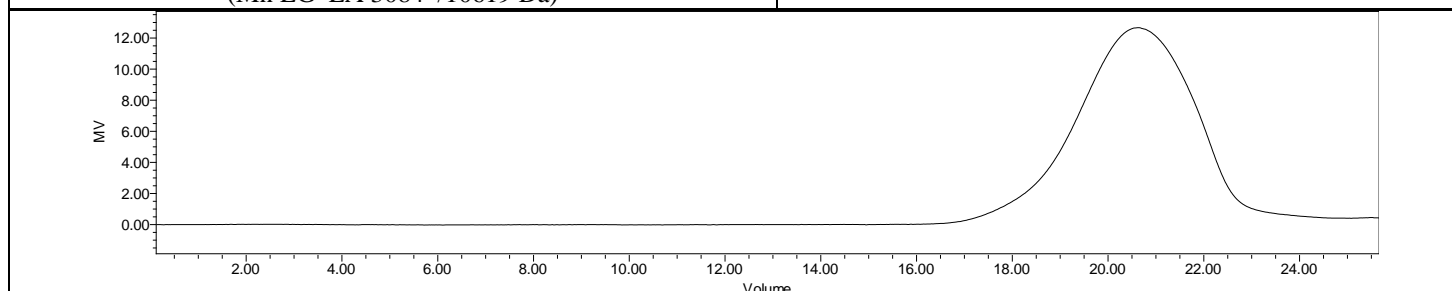
Certificate of Analysis



Product Name: Methoxy-Poly(ethylene glycol)-b-Poly((DL) lactide)-CY7.5 copolymers ($M_w \sim 3,000-10,000$ Da) (Lot#: 220422RAI-B)

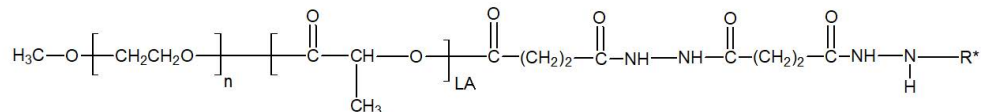


FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



Polymer	M_n (from GPC)	M_w (from GPC)	PDI
mPEG-PDLLA	14,471	23,859	1.65
mPEG Precursor*		3072*	

• Structure of mPEG-PLA-CY7.5



“R*” - Cyanine-7.5 Dye molecule

Dye Content: Testing of absorbance of polymer in DCM solution at 800 nm as compared to series of standards has indicated a dye content of: 3.03 $\mu\text{g}/\text{mg}$ polymer.