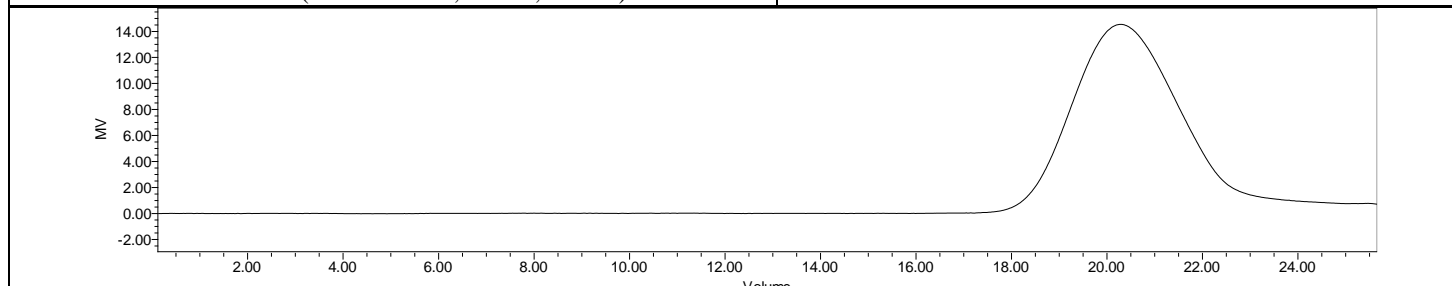
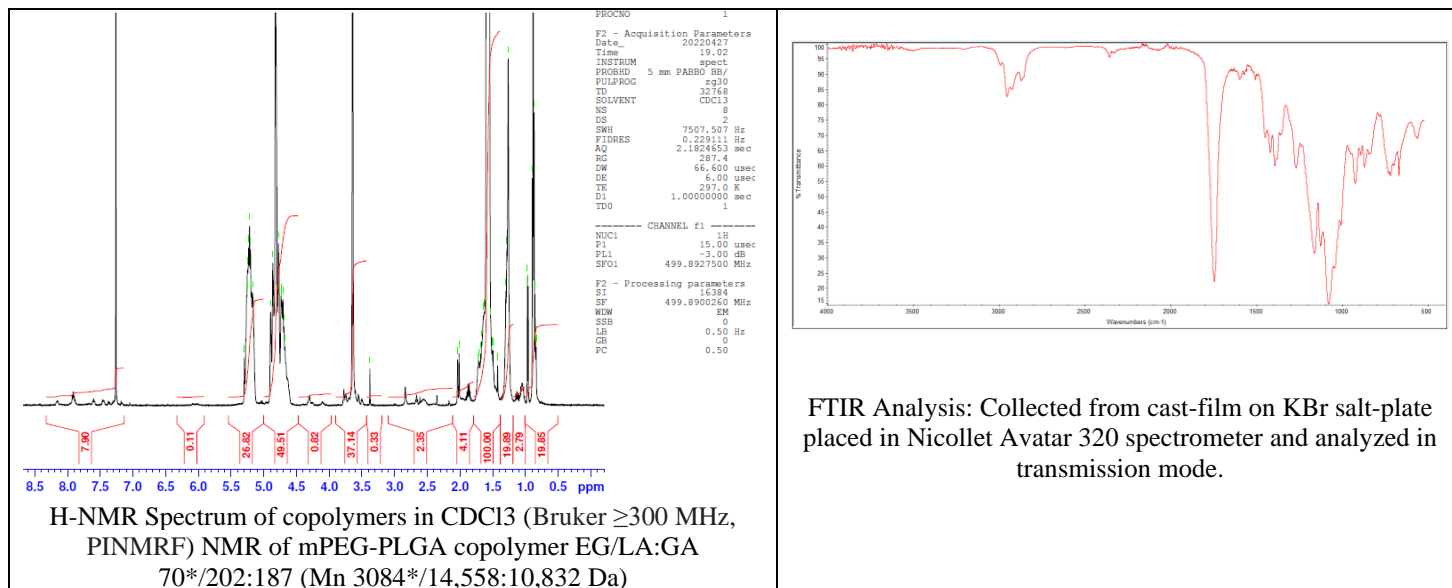


# No. AV048

# Certificate of Analysis

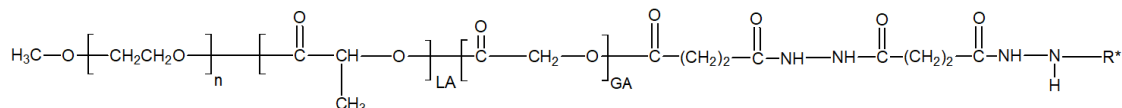


Product Name: Methoxy-Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)-CY7.5 copolymers ( $M_w \sim 3,000-20,000$  Da) (Lot#: 220418RAI-A)



Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
mPEG-PLGA	16,635	24,534	1.47
mPEG Precursor*		3072*	

## Structure of mPEG-PLGA-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: 39.5  $\mu\text{g}/\text{mg}$  polymer.