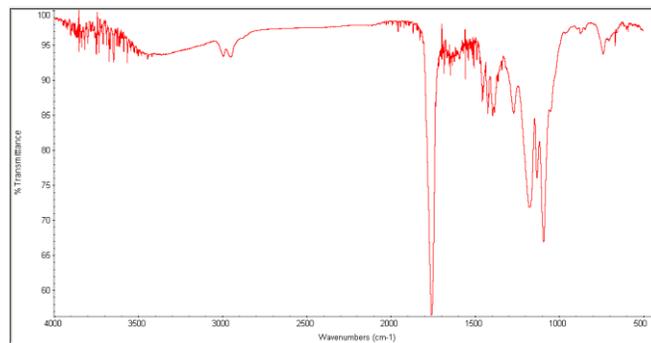
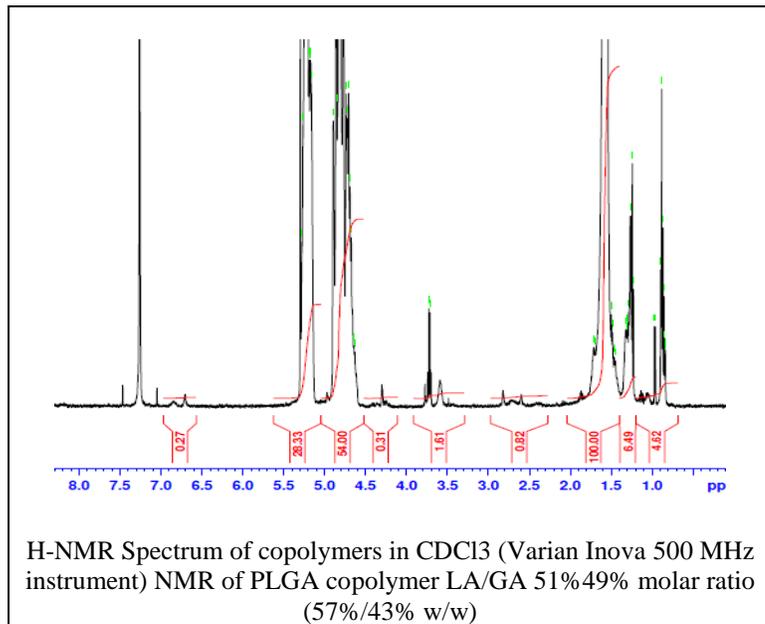


No. AV011

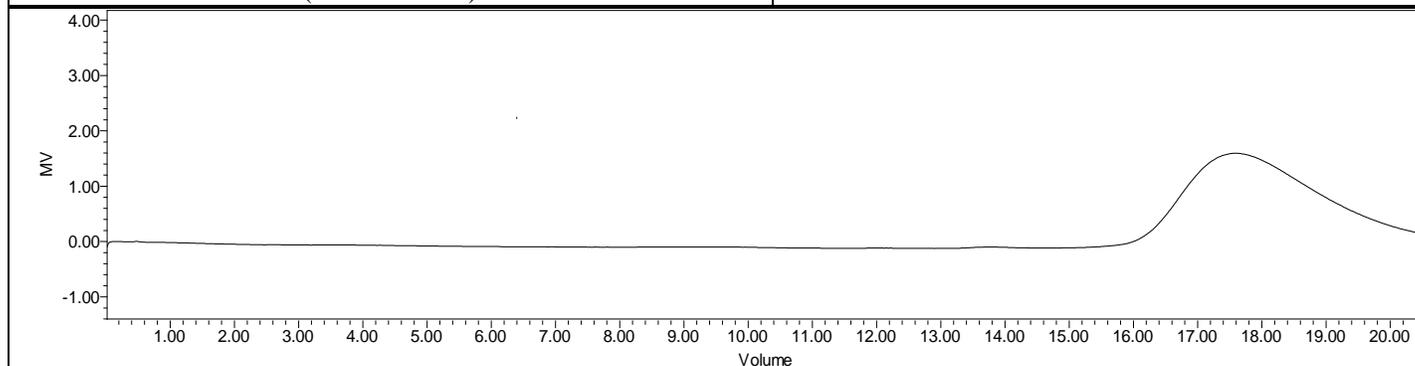
Certificate of Analysis



Product Name: : Poly(lactide-co-glycolide) copolymer-Rhodamine-B conjugate (M_n 10,000 - 30,000 Da) (Lot#: 170518FAJ-AD)



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

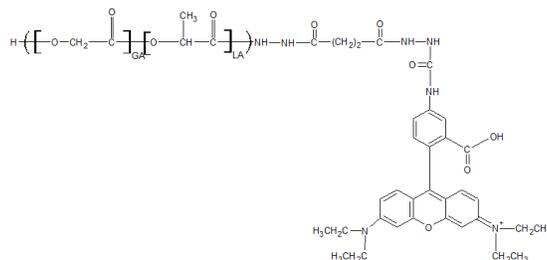


GPC Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLGA-Rhodamine	22,633	30,888	1.36

*- from MFG data

• Structure of PLGA-Rhodamine B copolymers



Dye Content: Testing of absorbance of polymer in DCM solution at 543 nm as compared to series of RITC standards has indicated a dye content of: 8.37 $\mu\text{g}/\text{mg}$ polymer.