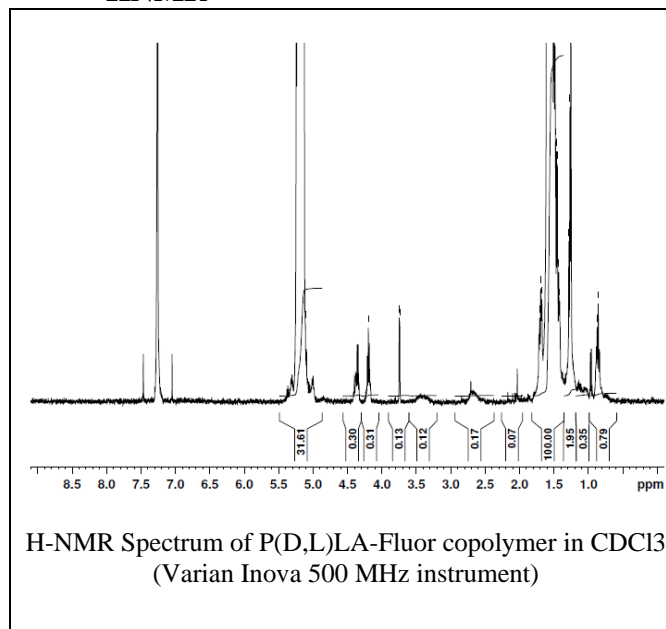


No. AV16

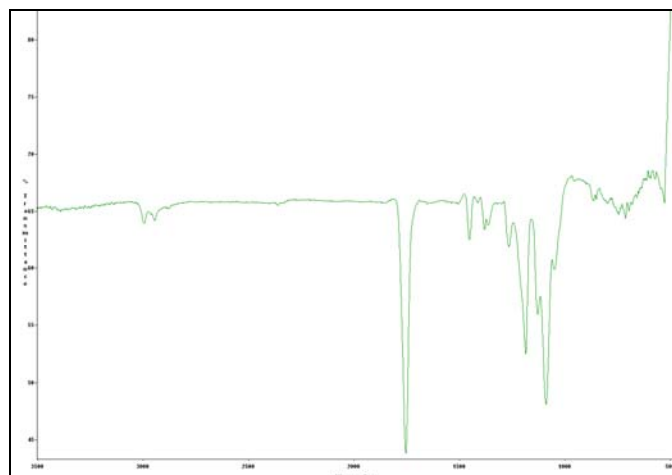
Certificate of Analysis

Product Name: Poly(DL-lactide) copolymer-Fluorescein endcap ($M_w \sim 40,000\text{Da}$)
(Lot#: 31223JSG)

• HNMR

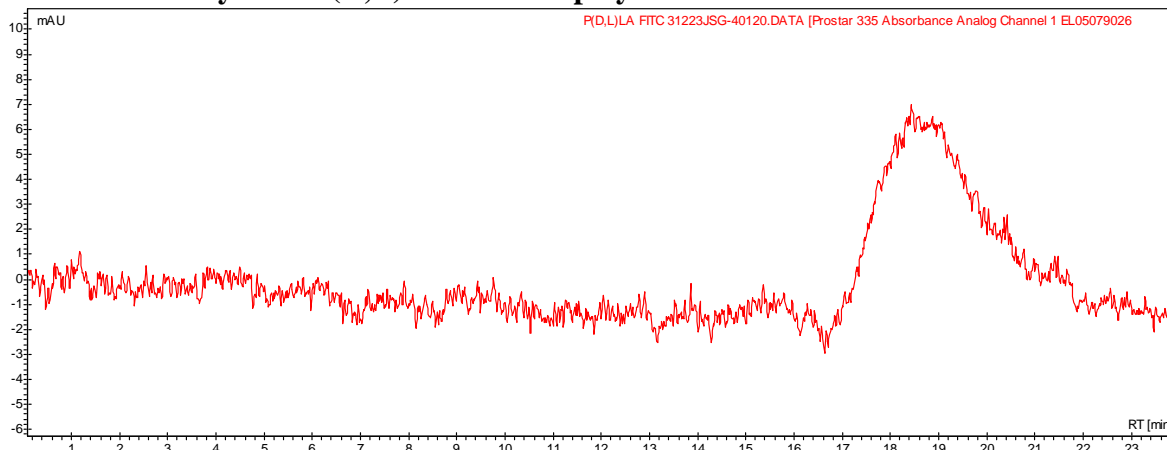


FTIR



Analysis Method: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

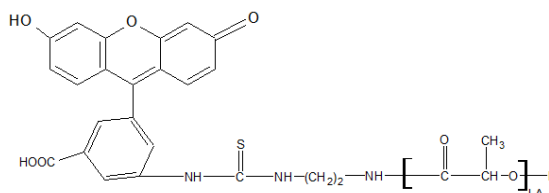
• GPC analysis of P(D,L)LA-Fluor copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three PLgel mixed-D columns (Agilent).
Detection via UV/Vis, calibrated against polystyrene standards

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
P(D,L)LA-Fluor	25,094	40,839	1.63

• Structure of P(D,L)LA-Fluor copolymers



Dye Content: Testing of absorbance of polymer at 490nm as compared to series of FITC standards has indicated a dye content of: 0.04ug/mg polymer.