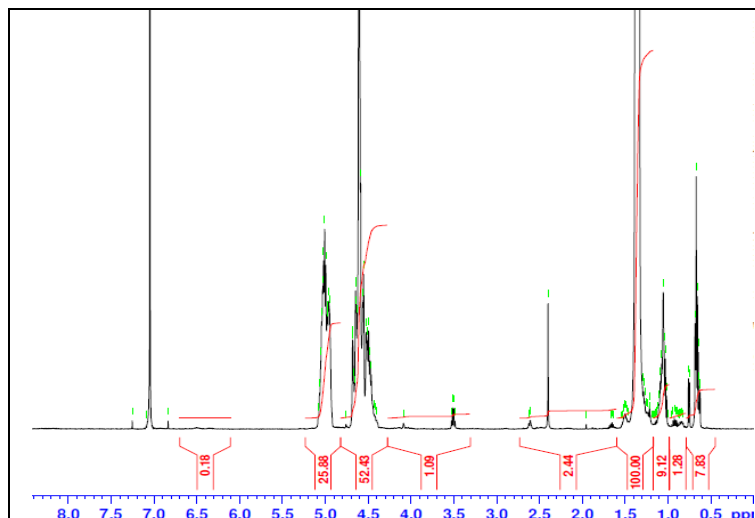


AV002

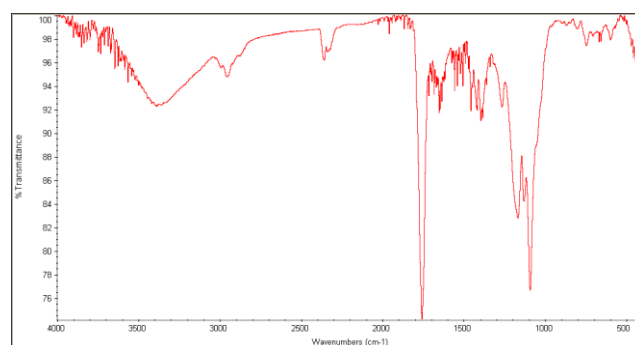
Certificate of Analysis



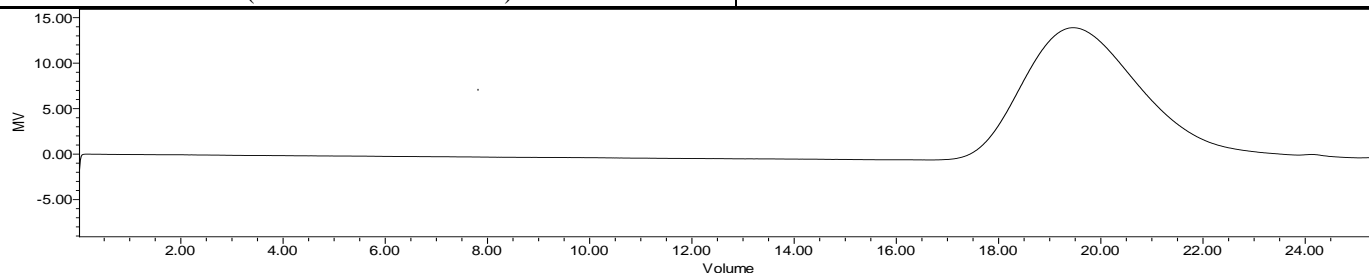
Product Name: Poly(lactic-co-glycolic) copolymer-Fluorescein (50:50 LA:GA,
Mn 10,000 - 20,000Da) (Lot# 190605RAI-A-RP)



H-NMR Spectrum of copolymers in CDCl₃ (Bruker 500 MHz, PINMRF) NMR of PLGA copolymer: LA-GA = 50%-50% molar ratio (LA-GA 55%-45% w-w)



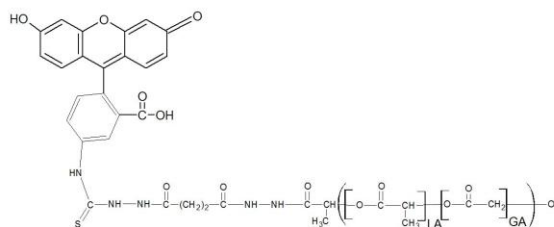
FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



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-Fluor	18,352	35,453	1.93

- Structure of PLGA-Fluorescein copolymers**



Dye Content: Testing of absorbance of polymer in DCM solution at 490 nm as compared to series of FITC standards has indicated a dye content of 21.60 µg/mg polymer