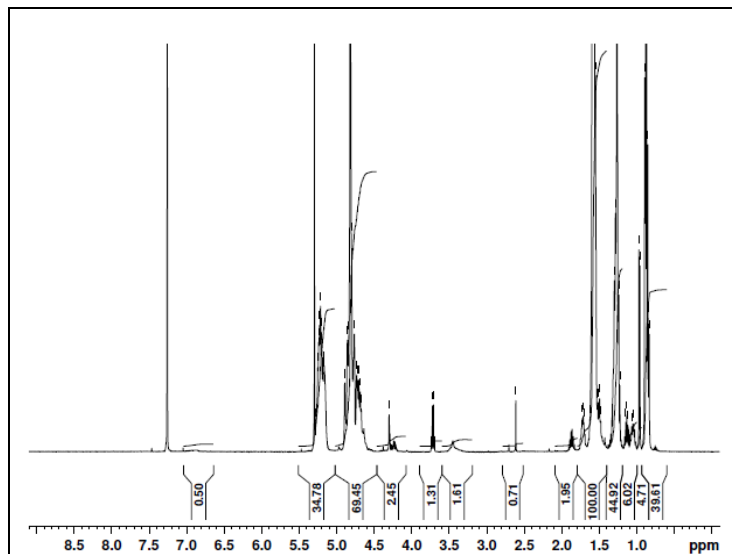
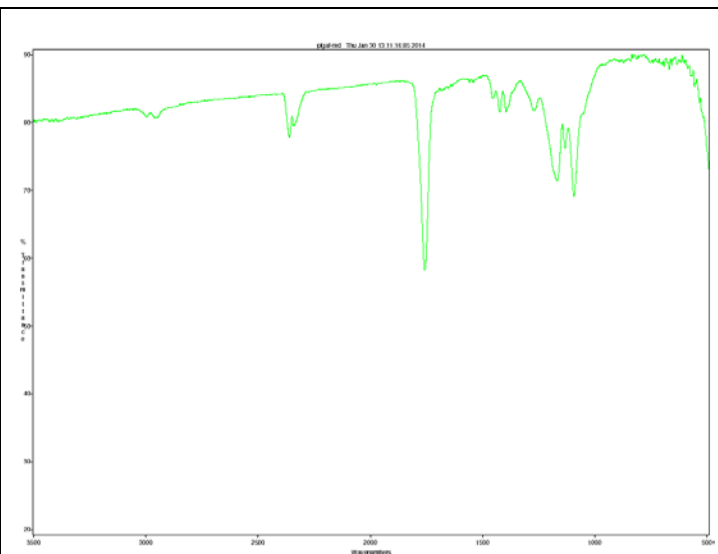


No. AV02 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymer-Fluorescein (1:1 LA:GA, Mw~20,000Da) (Lot# 40124JSG-B) REV:A

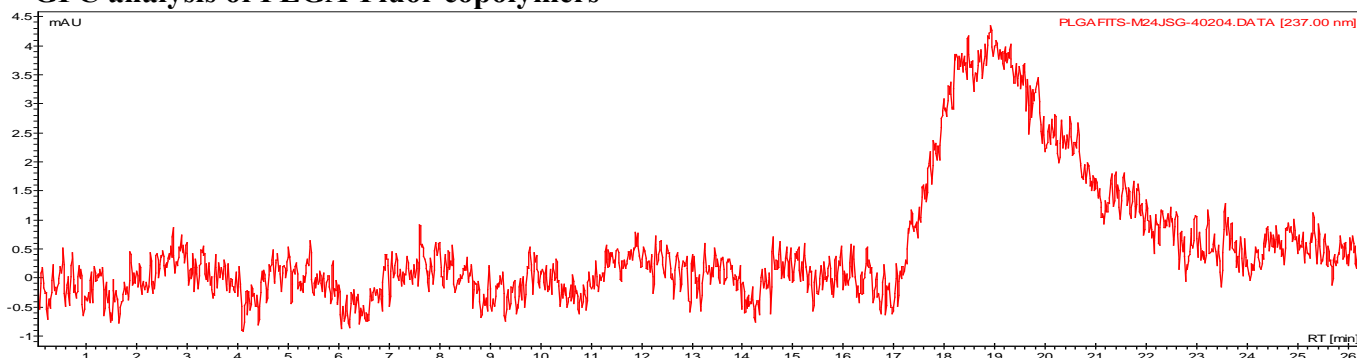


H-NMR Spectrum of PLGA-Fluor copolymer in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA copolymers: LA/GA = 50%/50% molar ratio (55%/45% w/w)



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

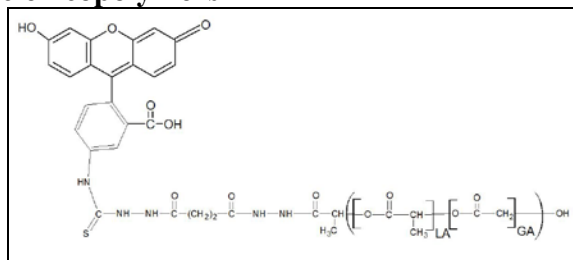
- GPC analysis of PLGA-Fluor copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5u columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-Fluor	11540	24329	2.11

- Structure of PLGA-Fluorescein copolymers**



Dye Content: Testing of absorbance of polymer in DMSO solution at 490nm as compared to series of FITC standards has indicated a dye content of: 0.27 ug/mg polymer