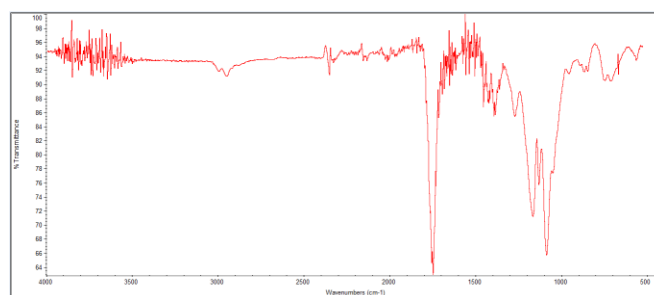
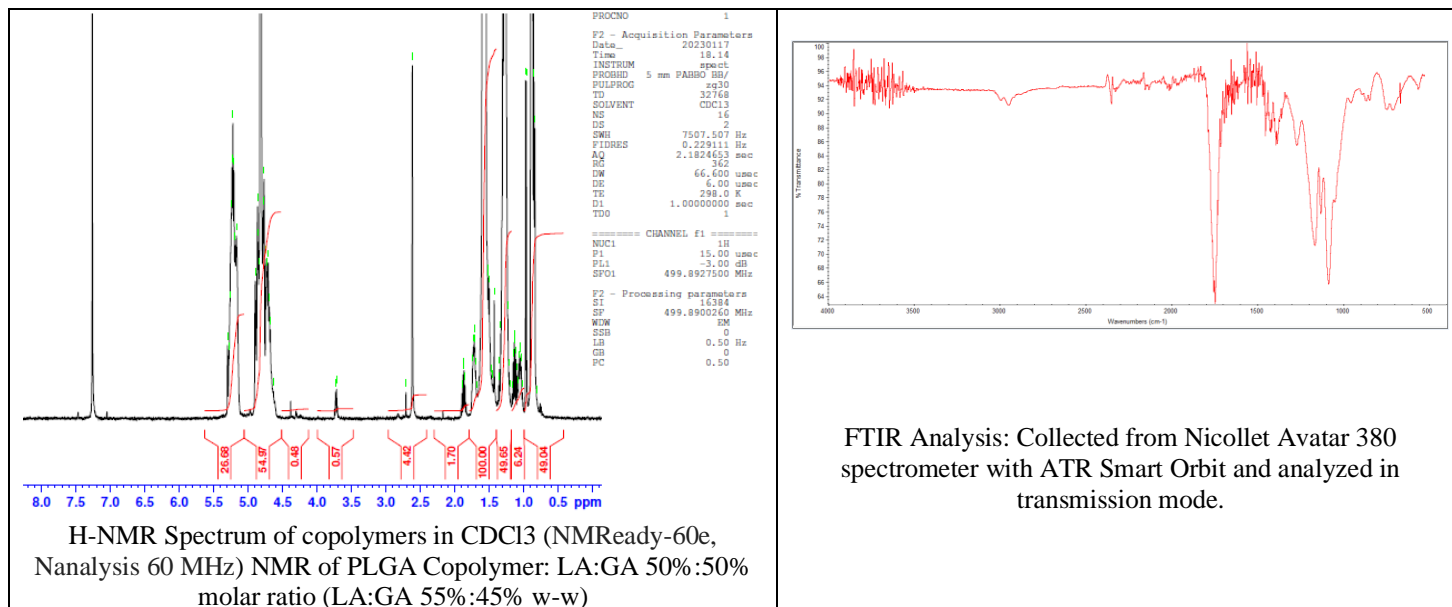


No. AV004

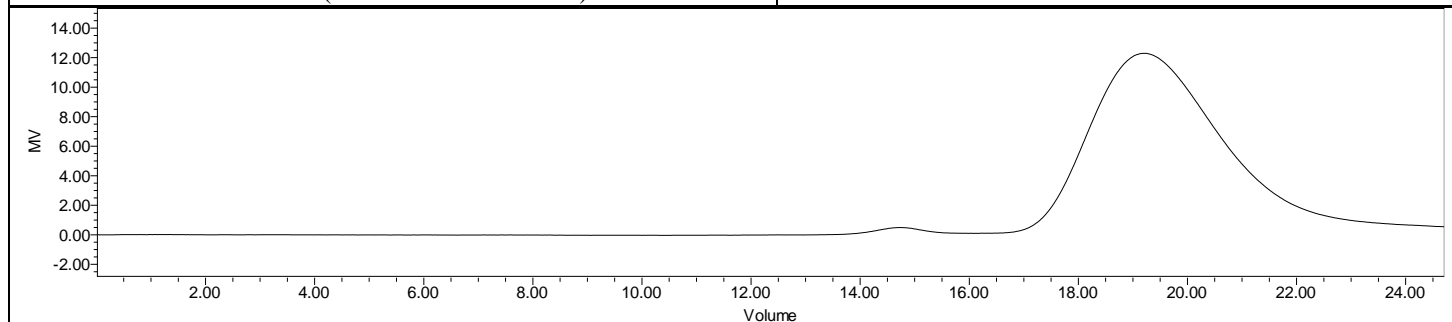
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) copolymer-Fluorescein
(50:50 LA:GA, Mn 20,000 - 40,000Da) (Lot# 230112RAI-B)



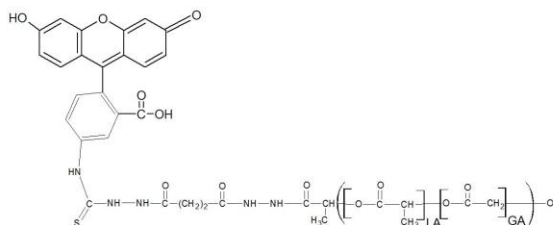
FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES 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	22,330	42,340	1.90

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 27.56µg/mg polymer