

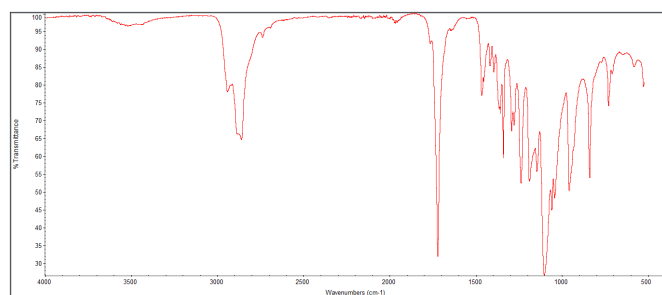
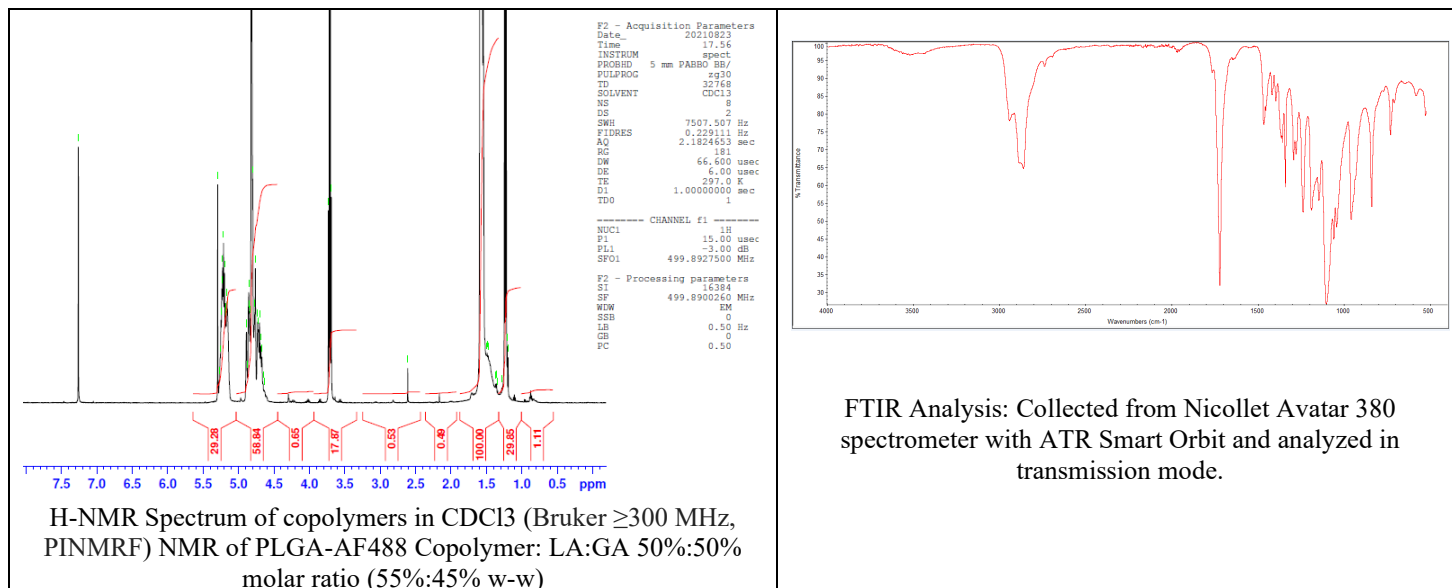
No. AV046

Certificate of Analysis

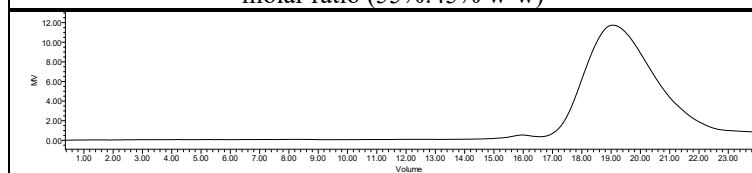


Product Name: Poly(lactic-co-glycolic acid)-Alexa-Fluor 488 copolymer

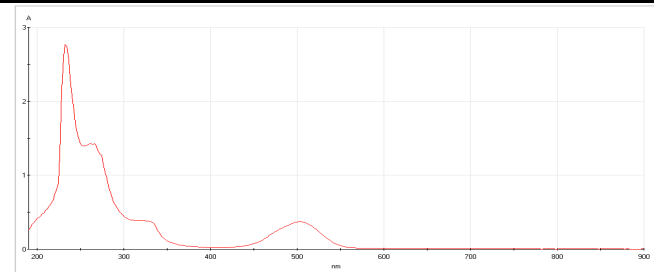
(M_n: 30,000-55,000 Da) (Lot#: 210805RAI-B)



FTIR Analysis: Collected from Nicolet Avator 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.



UV-Vis Analysis PLGA-AF488
Analysis Method: Scan from 190-900nm in 2nm increments of 5 mg/ml PLGA-AF488 solution in DCM against DCM blank.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA-AlexaFluor 488	33,572	49,906	1.49

Structure of PLGA-AlexaFluor 488 copolymers

