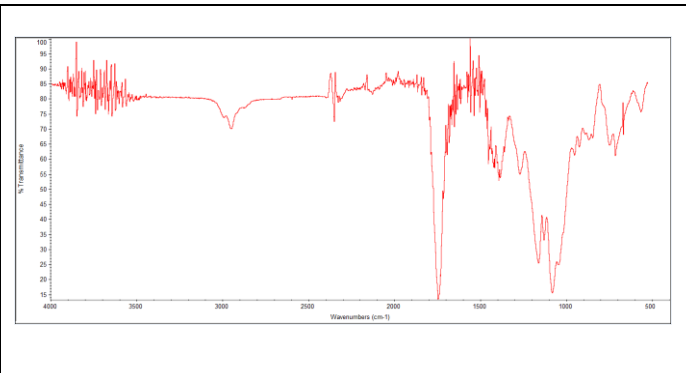
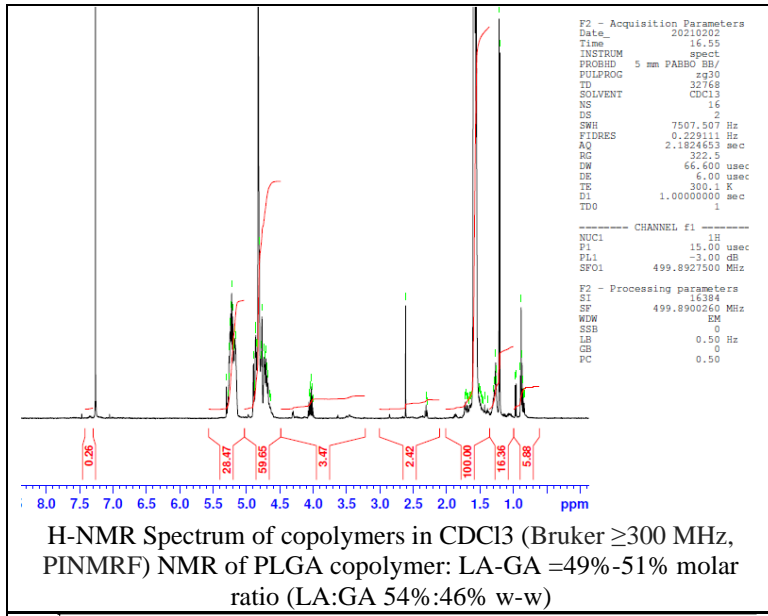


# No. AV041

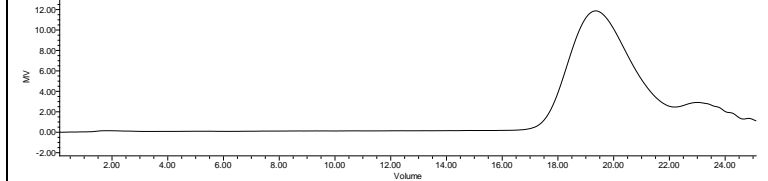
# Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-Cyanine 7 (L:G 50:50)  
(Mn 15,000-35,000Da) (Lot#: 210127RAI-A)

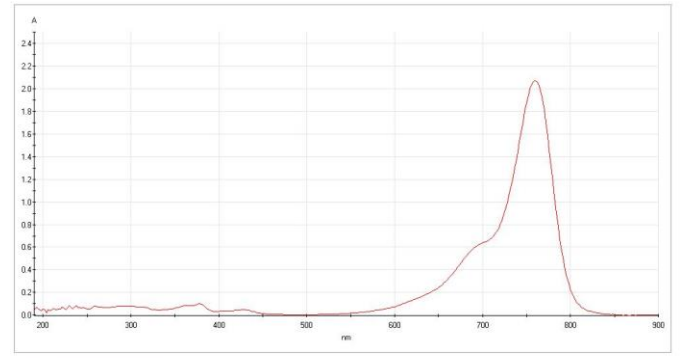


FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-CY7	31,233	44,377	1.42



UV-Vis Analysis PLGA-CY5  
Analysis method: Scan from 190-900nm in 2nm increments of 0.25 mg/ml PLGA-CY5 solution in DCM against DCM blank. 13.55ug/mg

## Structure of PLGA-CY7 copolymers

