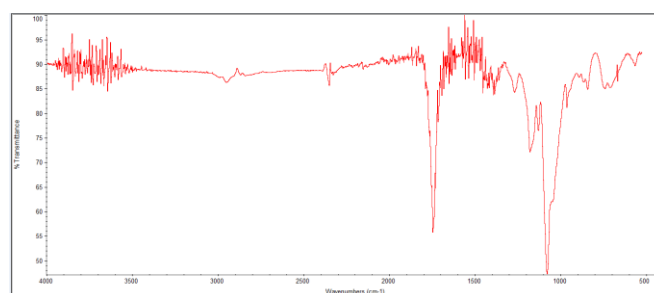
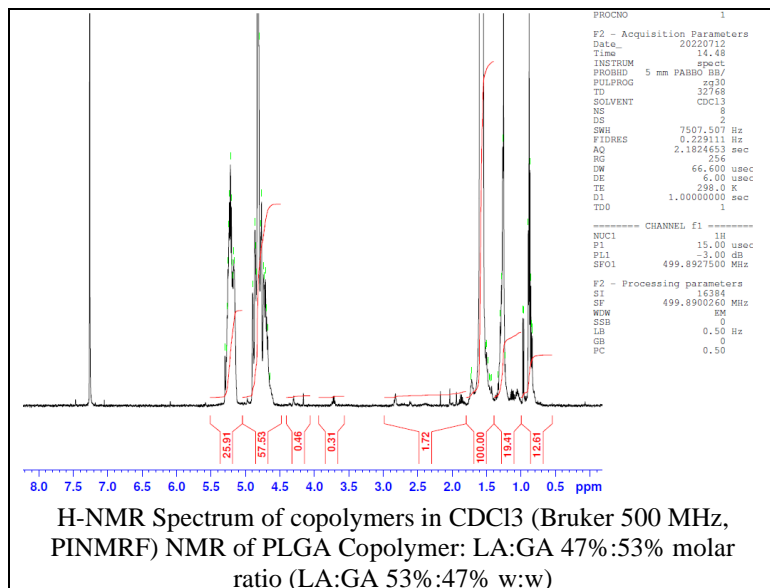


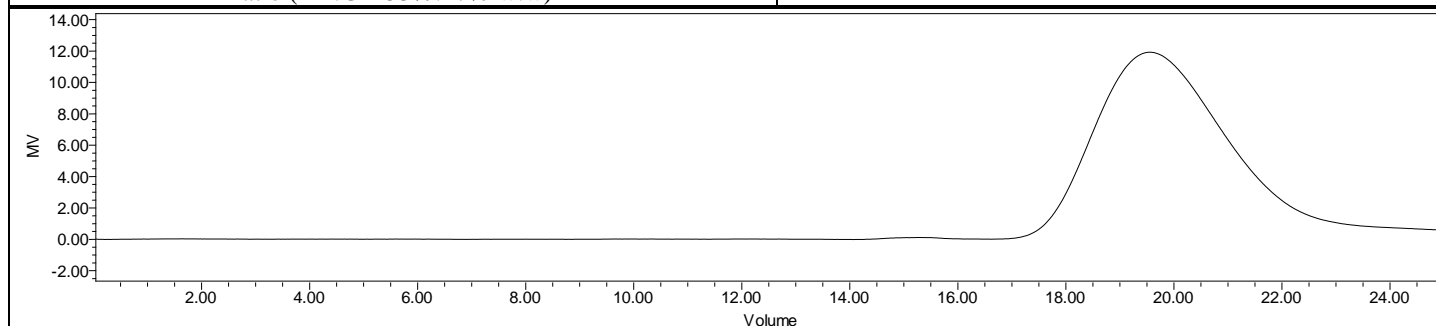
# No. AV008

# Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymer-FPR-648 (50:50 LA:GA)  
(Mn: 10,000-25,000 Da) (Lot#: 220707ERG-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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-FPR648	19,530	35,952	1.84

**Dye content:** Testing of absorbance of polymer in DCM solution at 660nm as compared to series of FPR648 standards has indicated a dye content of: 0.270 µg/mg polymer.

## Structure of PLGA copolymers

