

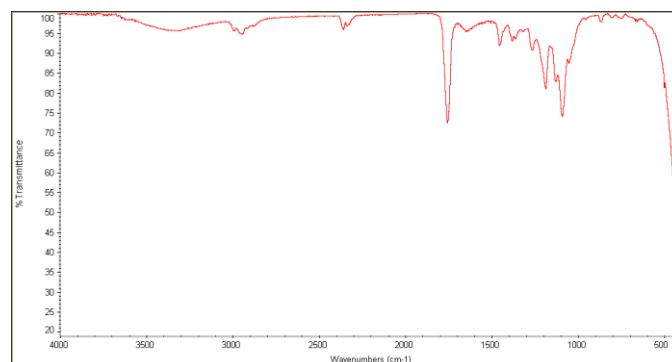
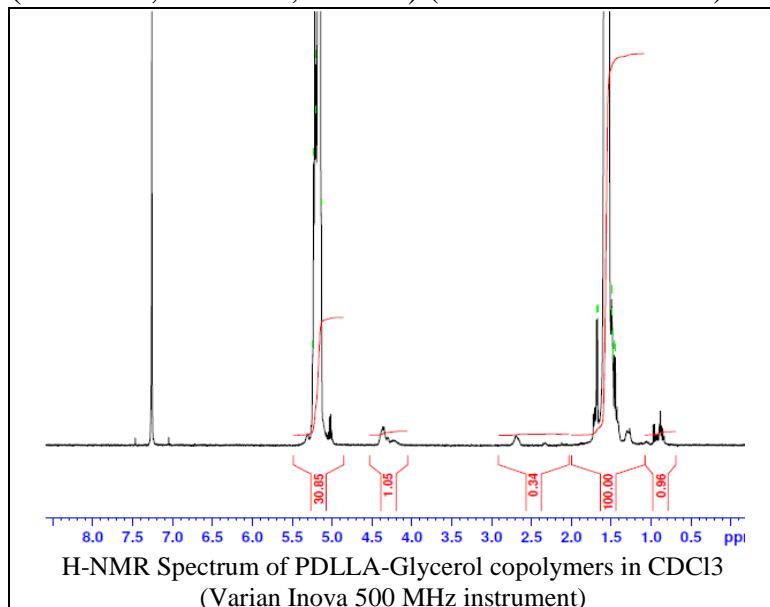
# No. AP092

# Certificate of Analysis

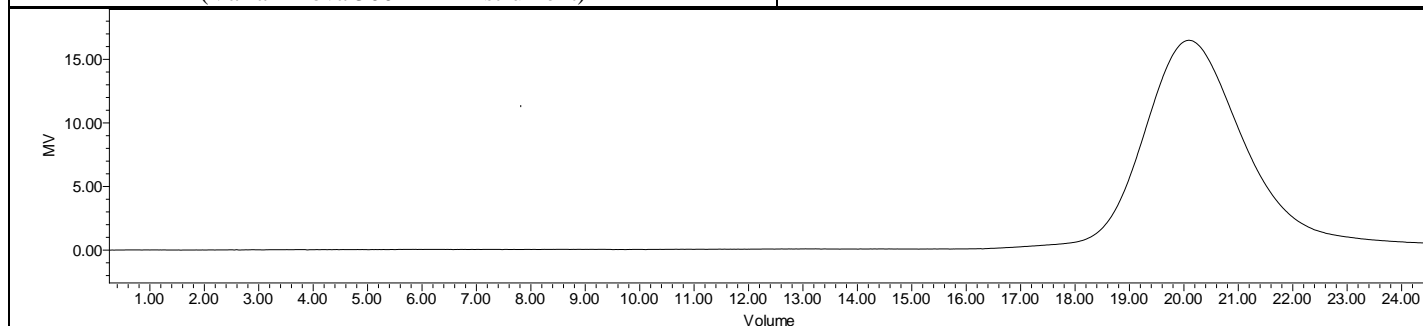


Product Name: Poly((D,L)lactic acid)-Glycerol star polymer

(Mn ~ 10,000 – 20,000 Da) (Lot#: 181029NDR-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer 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
PDLLA-Glycerol*	18,128	23,776	1.31

\*-determined against linear standards

- Structure of PDLLA-Glycerol copolymers**

