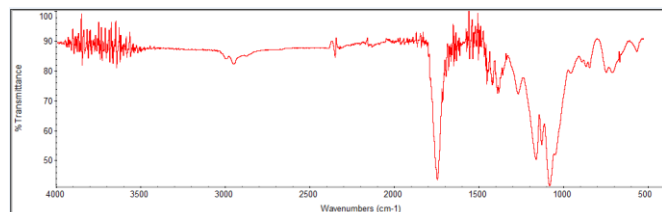
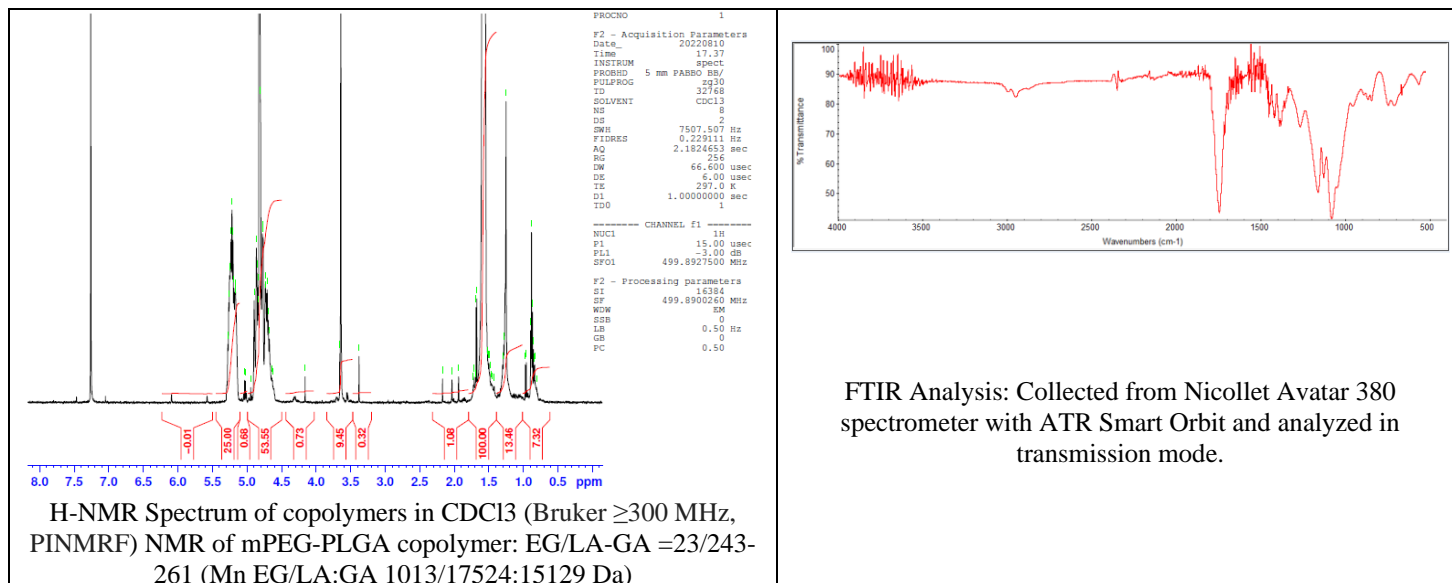


# No. AK174

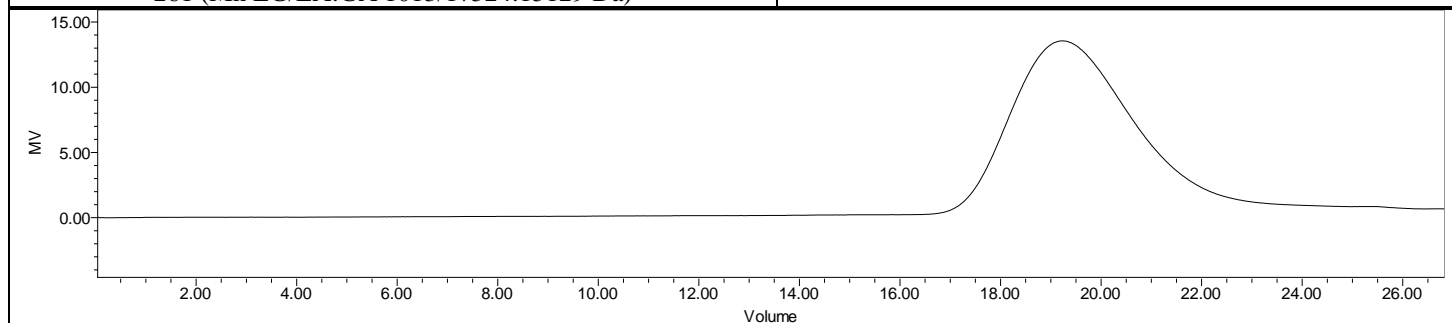
# Certificate of Analysis



Product Name: Methoxy Poly(ethylene glycol-b-Poly(lactide-co-glycolide))  
(Mw 1,000:30,000 Da) (Lot #220802RAI-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  |
|----------------|---------------------------|---------------------------|------|
| mPEG-PLGA      | 22,219                    | 43,232                    | 1.95 |
| PEG precursor* | 1005*                     |                           |      |

\*- from MFG data

## • Structure of mPEG-PLGA

