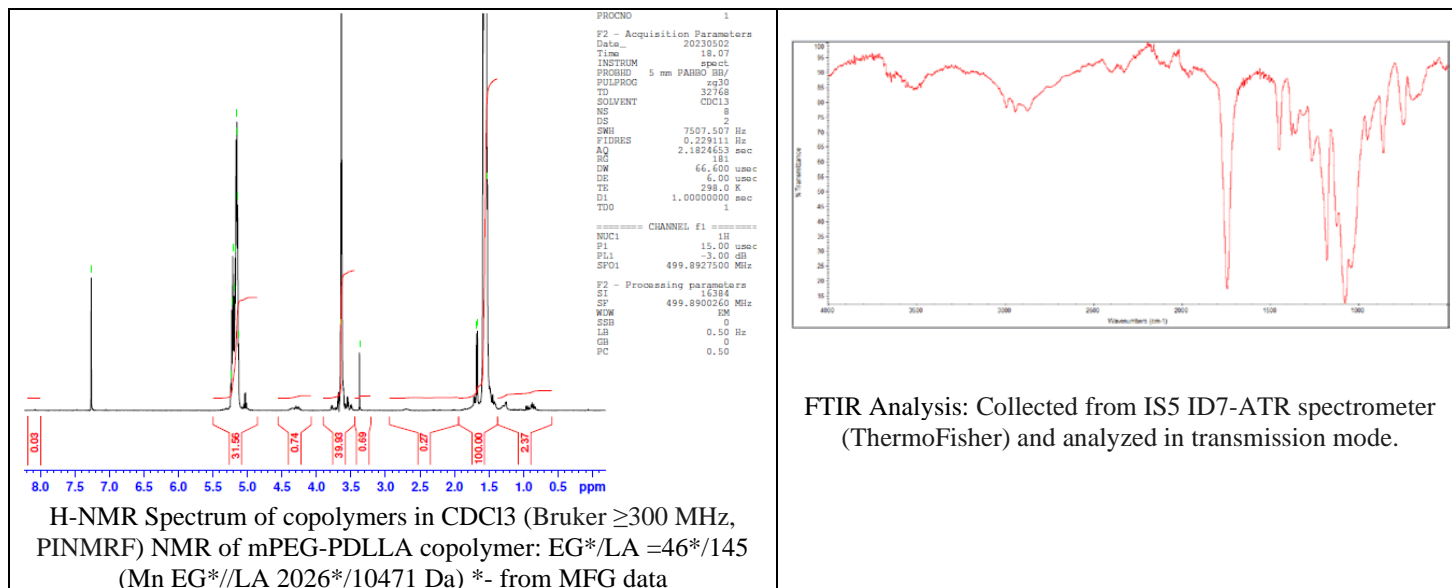


# No. AK170

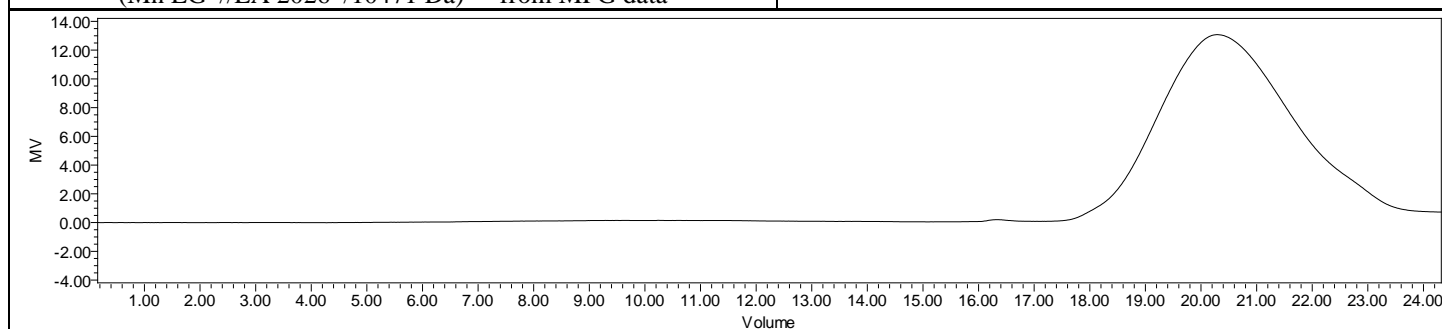
# Certificate of Analysis



Product Name: Methoxy Poly(ethylene glycol)-b-Poly((D,L) lactic acid) copolymers (2000:10,000 Da) (Lot#: 230427RAI-A)



FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (ThermoFisher) and analyzed in transmission mode.

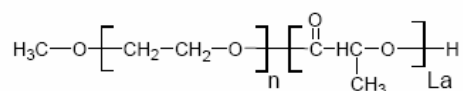


GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
mPEG-PDLLA	13,183	22,019	1.67
PEG precursor*		2044*	

\*- from MFG data

- **Structure of mPEG-P(D,L)La diblock copolymers**



Approved By:  
*Amie Tyler*  
Quality Manager