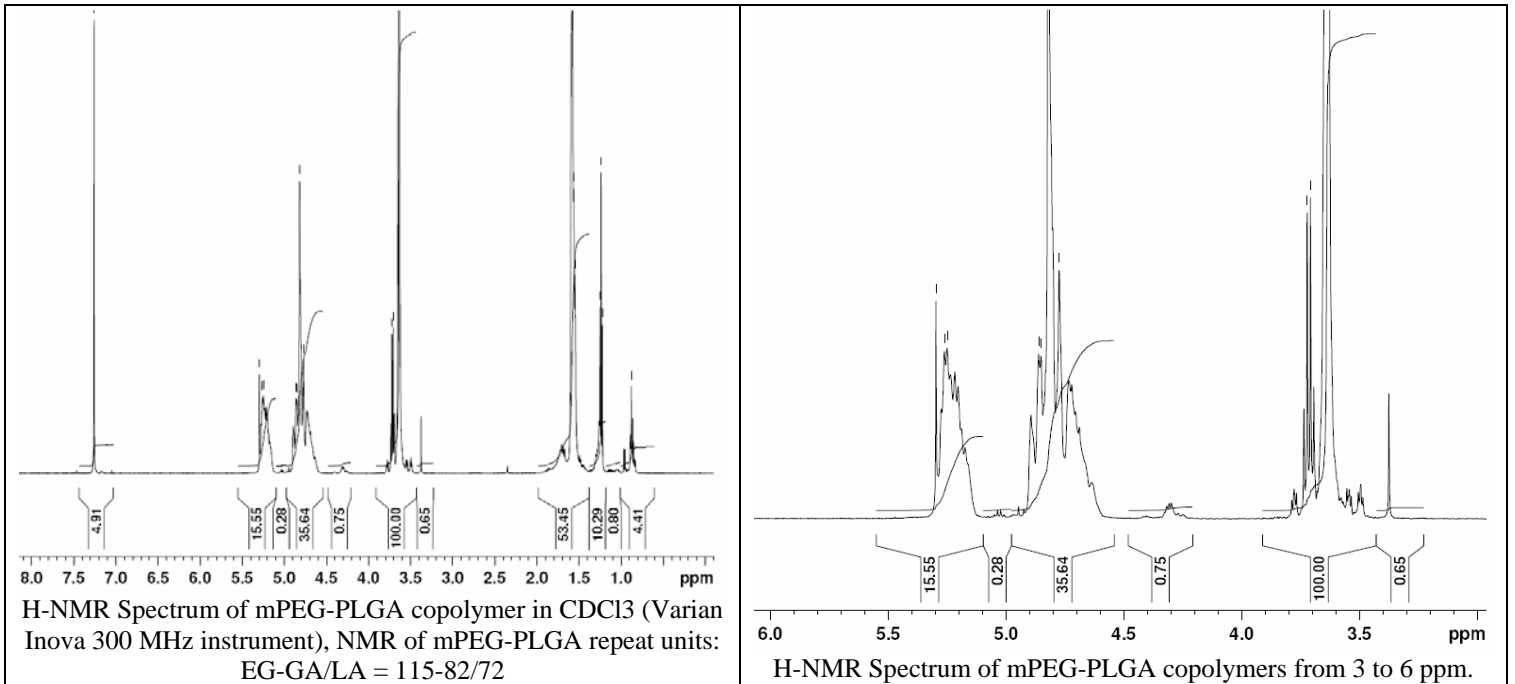
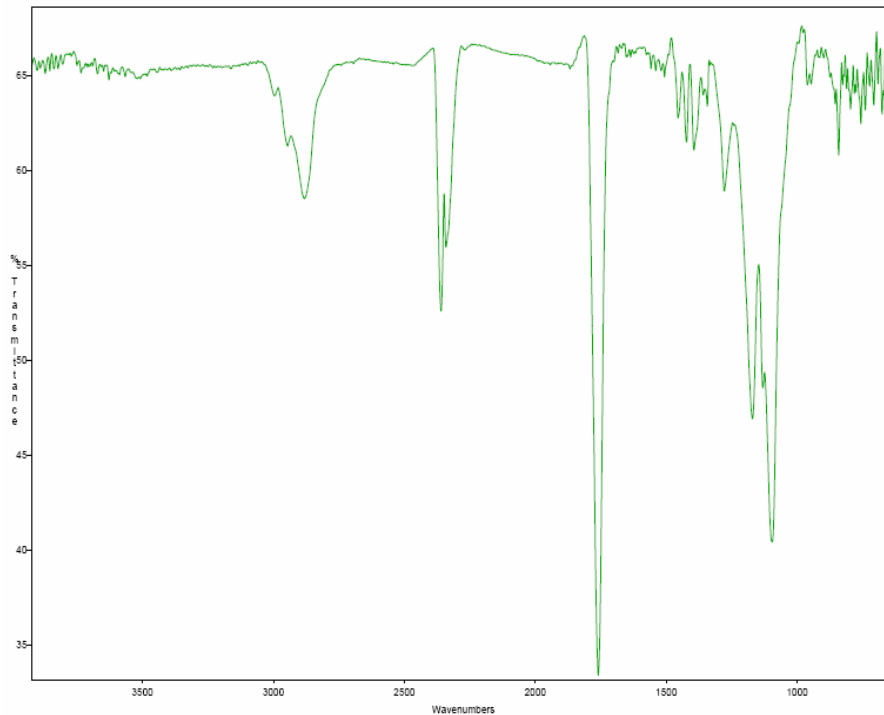


No. AK10 Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly((D,L) lactic-co-glycolic) acid copolymer (5,000:10,000, 1:1 LA:GA) (Lot#: 21213JLB)

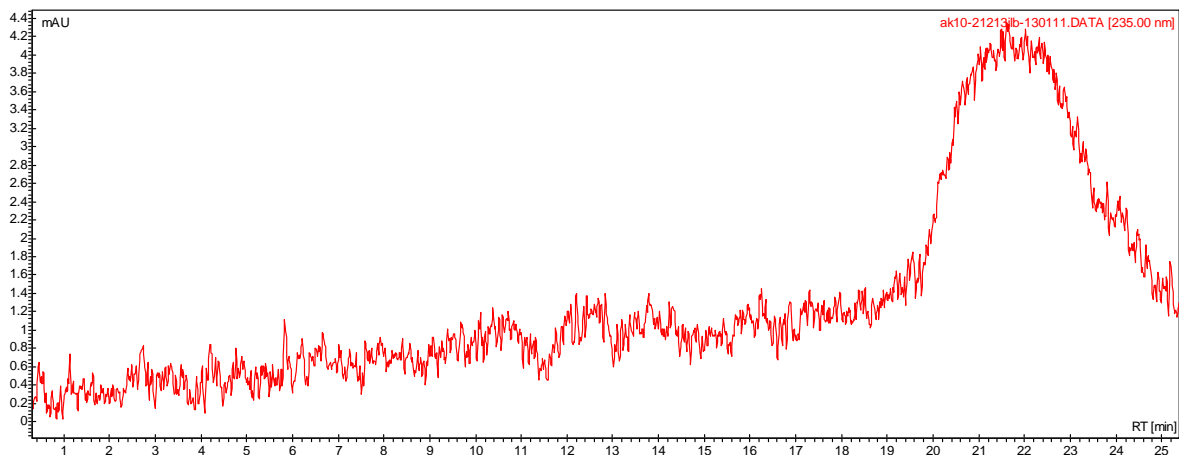


- **FTIR analysis of mPEG-PLGA copolymers**



Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

- **GPC analysis of mPEG-PLGA copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three PLgel mixed-D columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards (*PEG standards).

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-PLGA	16341	23898	1.46
mPEG5000 initiator*	5488	5847	1.07

- **Structure of mPEG-PLGA copolymers**

