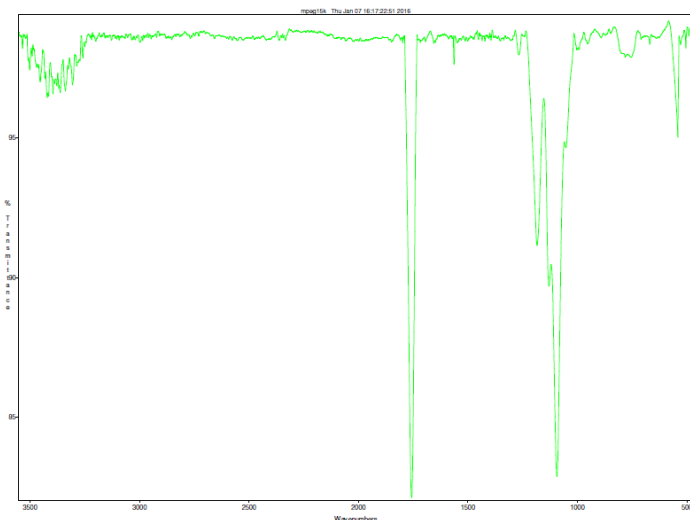
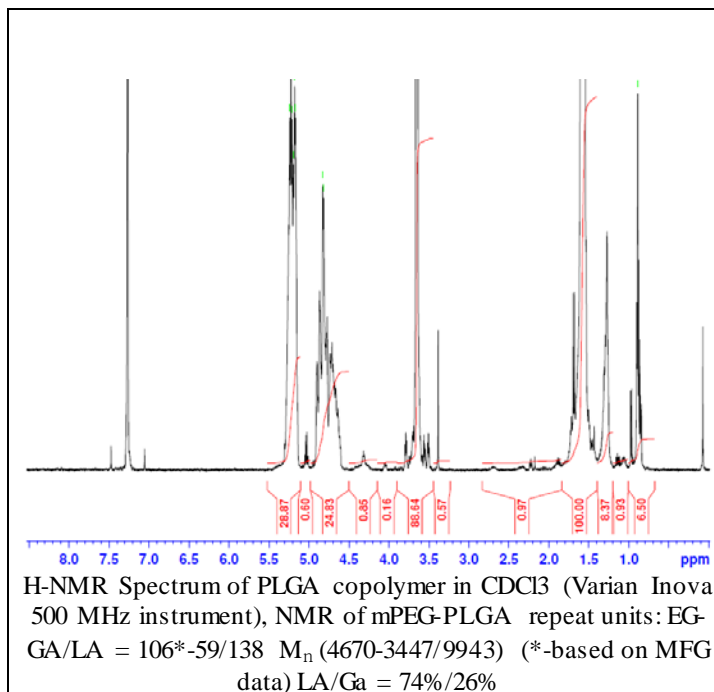


# No. AK107

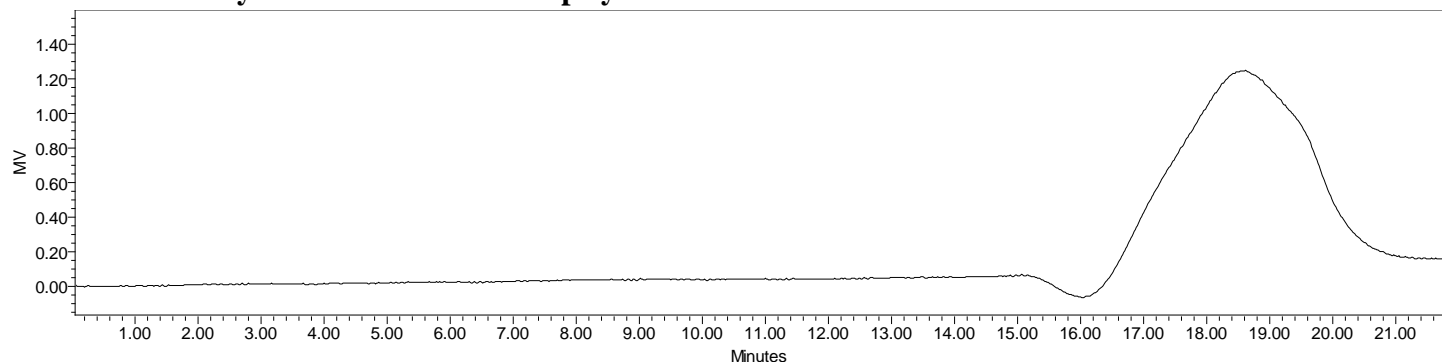
# Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-b-Poly(lactide-co-glycolide) (5,000:15,000 Da, 75:25 LA:GA) (Lot#: 51216SMS-A)



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

## • GPC analysis of mPEG-PLGA copolymer

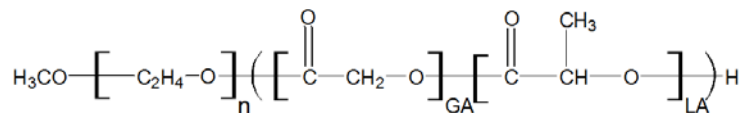


Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
mPEG-PLGA	21,462	31,009	1.44
mPEG precursor*	4,677	5,272	1.13

\*-data not shown on graph

## • Structure of mPEG-PLGA copolymer



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