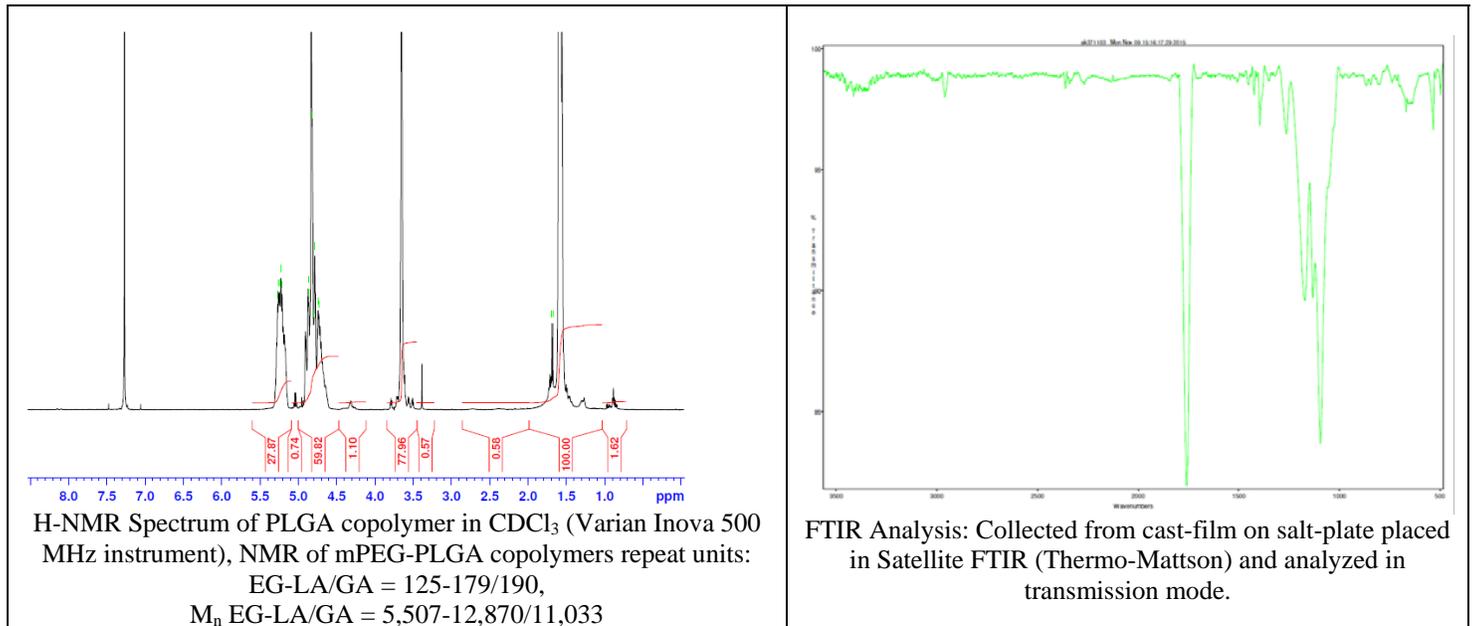
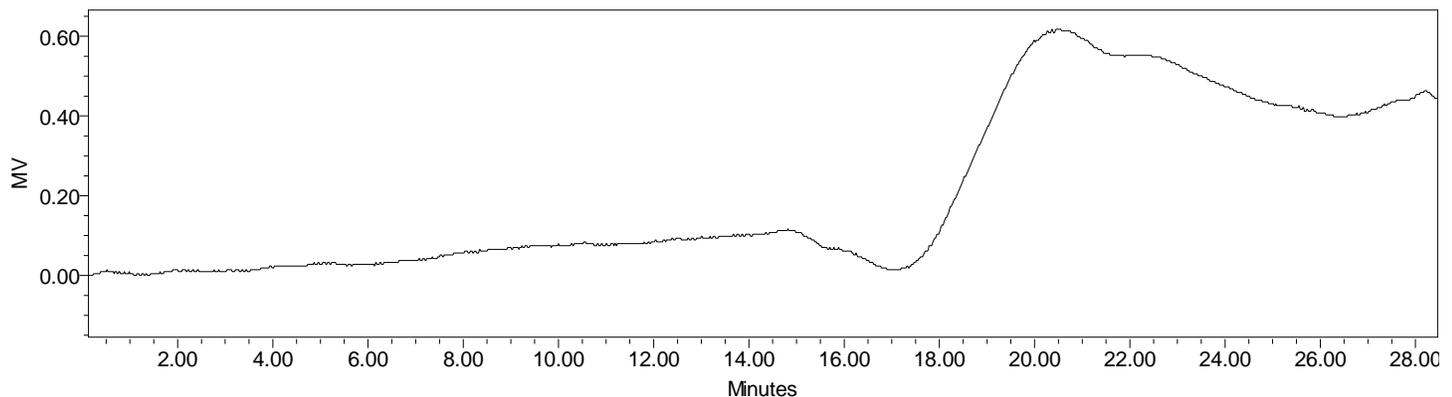


No. AK037 Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers
 ($M_w \sim 5,000:20,000\text{Da}$) (Lot #: 51103MJK)



- GPC analysis of mPEG-PLGA copolymers**

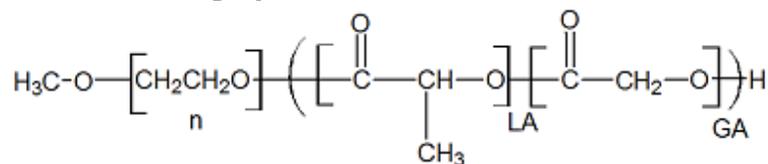


Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
mPEG-PLGA	13,812	24,347	1.76
mPEG precursor*	5,488	5,847	1.06

*- Run separately, chromatograph not shown

- Structure of mPEG-PLGA copolymers**



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