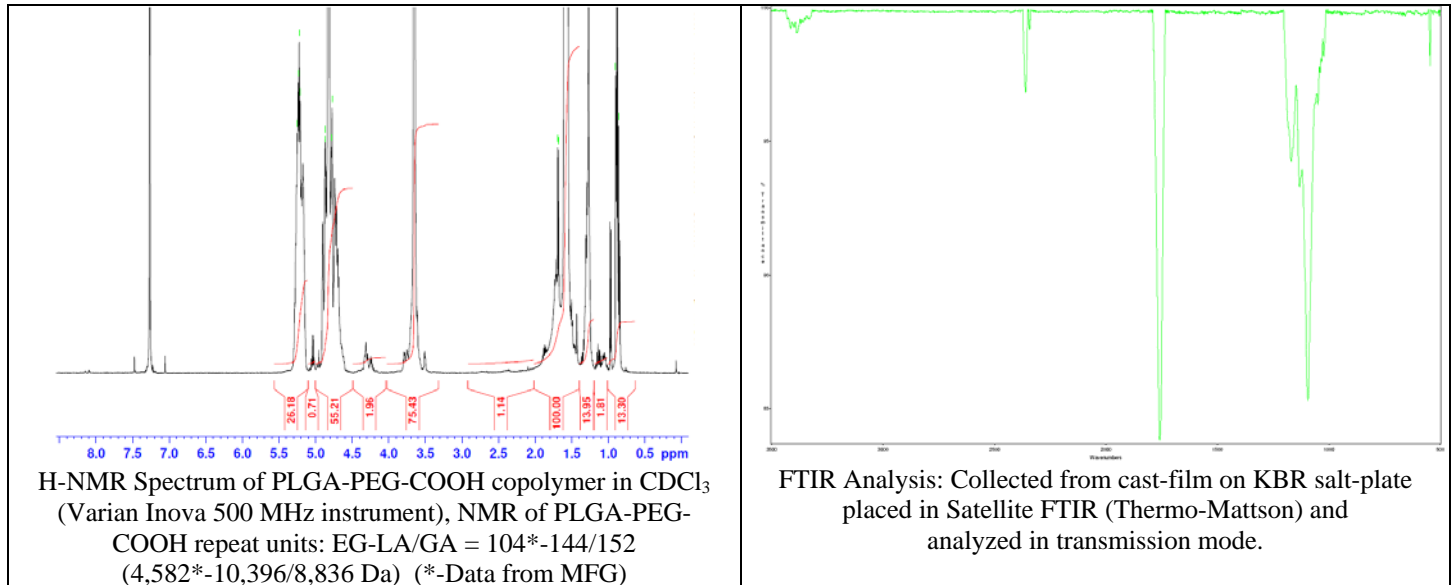
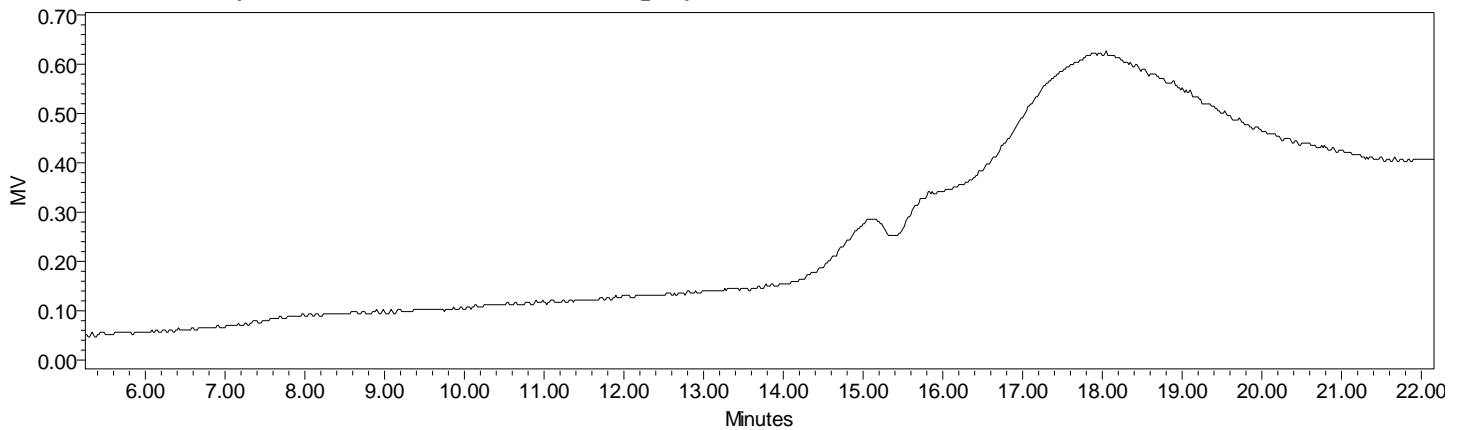


# No. AI078 Certificate of Analysis

Product Name: Poly(lactide-co-glycolide)-*b*-Poly(ethylene glycol)-carboxylic acid endcap  
 (M<sub>w</sub> ~20,000-5,000 Da, 50:50 LA:GA) (Lot#: 60609MJK-A)



- GPC analysis of PLGA-PEG-COOH copolymers**

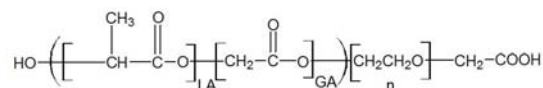


Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across four Phenogel 5μm columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-PEG-COOH	28,385	49,290	1.74
HO-PEG-COOH*	Average M <sub>n</sub> by GFC – 4,600 Da*		

\*-data provided by MFG

- Structure of PLGA-PEG-COOH copolymers**



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