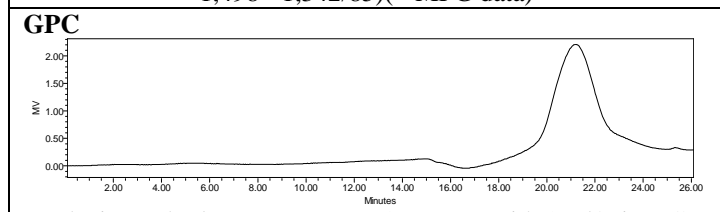
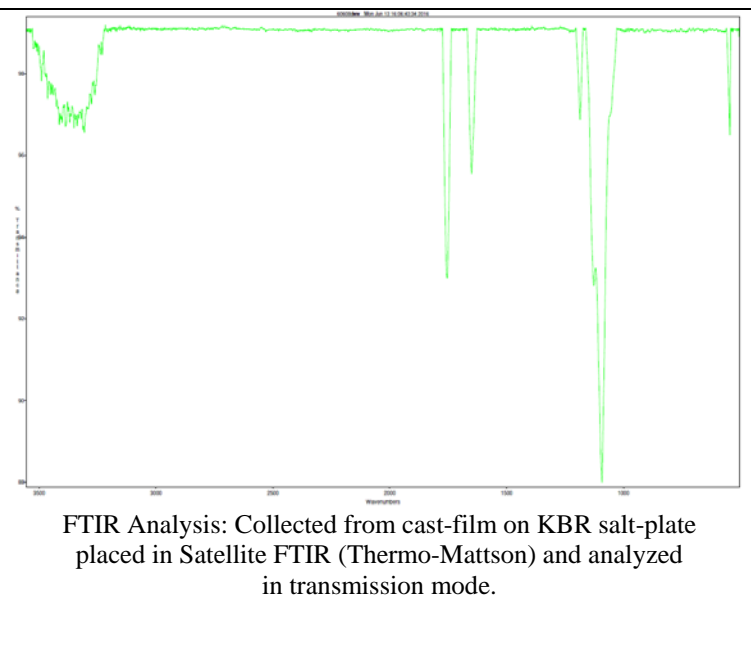
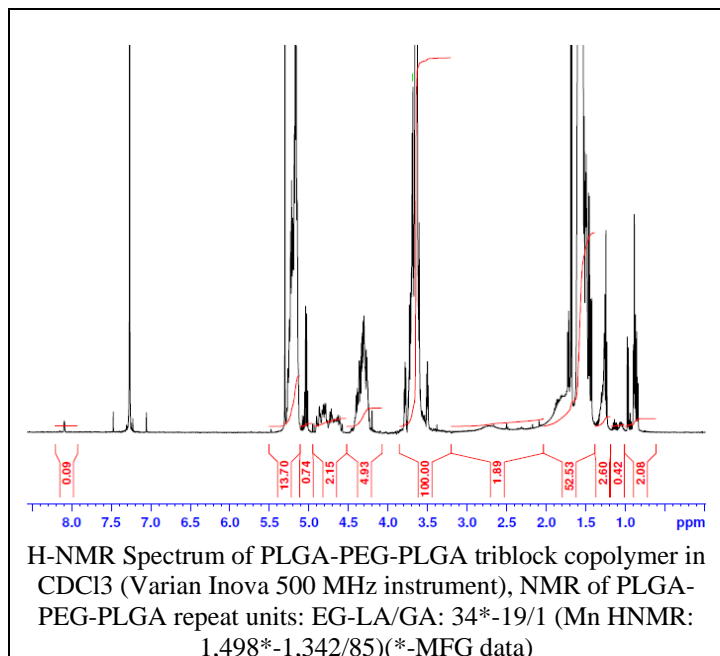
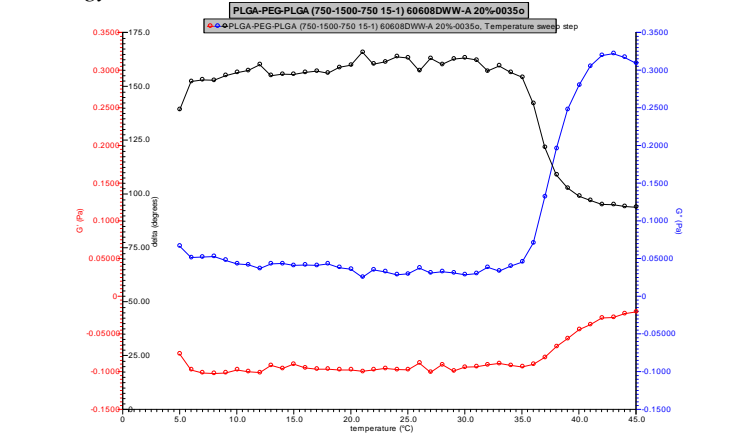


No. AK117 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (Mw~ 750:1,500:750 Da, LA:GA 15:1) (Lot# 60608DWW-A)



Rheology
Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 20% w/v polymer in distilled water dissolved over 2 days with shaking at 4C. Viscosity of solution at 0.1 (sec-1) and 5C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 2.5C ranging from 5-45C with 3 minutes of temperature equilibration at each point.



Viscosity 20% w/v solution at 5C Below detectable limit

• **Structure of PLGA-PEG-PLGA copolymer**

