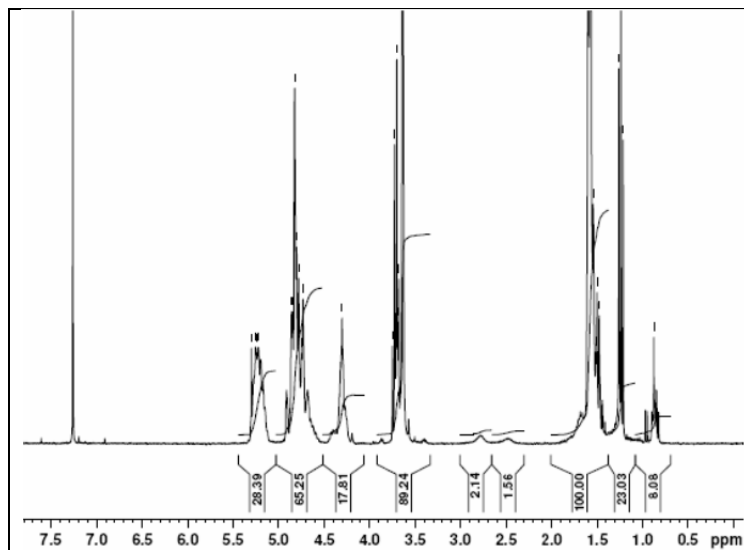
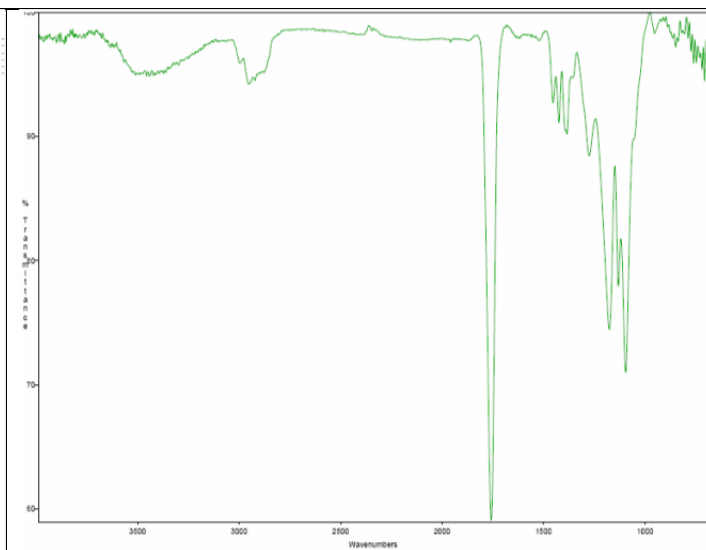


No. AK38 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (800-400-800, 1:1 LA:GA) (Lot# 20917JLB) RevA:Structure

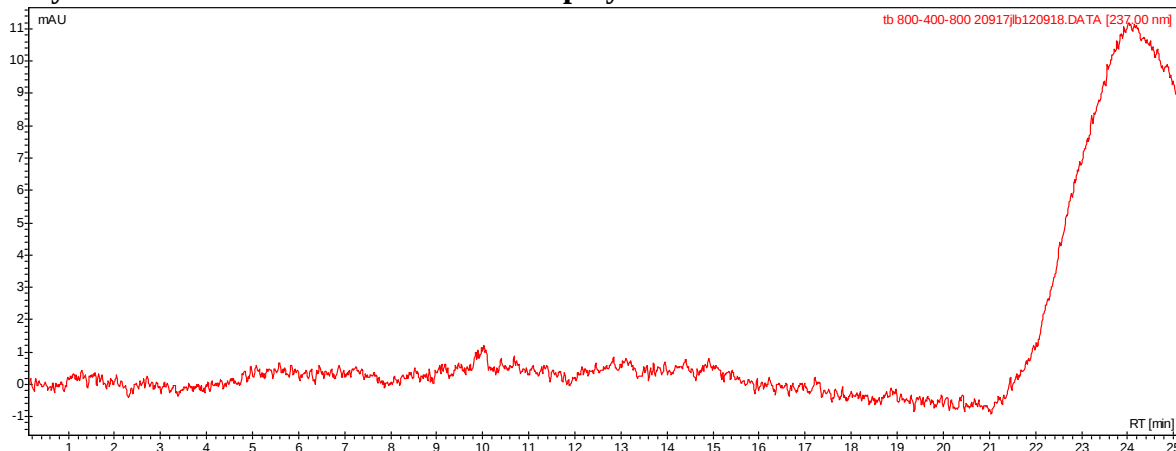


¹H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA-PEG-PLGA copolymers: EG-LA/GA:396-825/764



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

• GPC analysis of PLGA-PEG-PLGA triblock copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two PLgel mixed-D columns and one Mixed-E column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-PEG-PLGA	2571	2913	1.13

• Structure of PLGA-PEG-PLGA triblock copolymers

