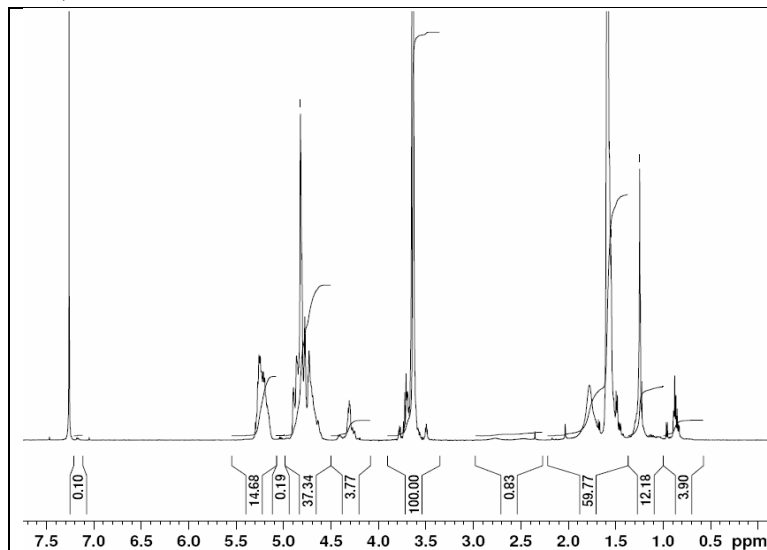


No. AK40 Certificate of Analysis

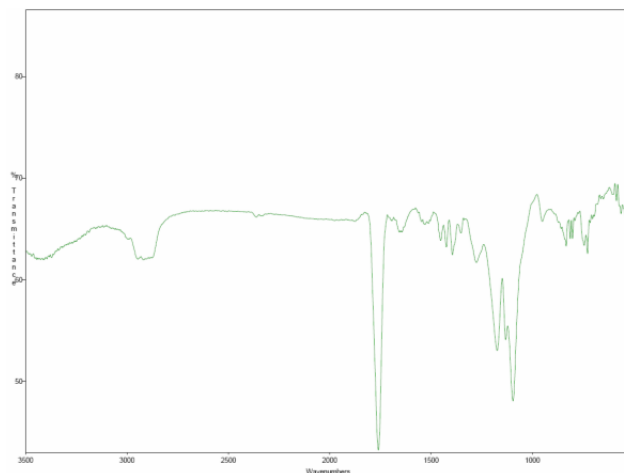
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (2000-2000-2000,1:1 LA:GA) (Lot# 30709SMS)

H-NMR



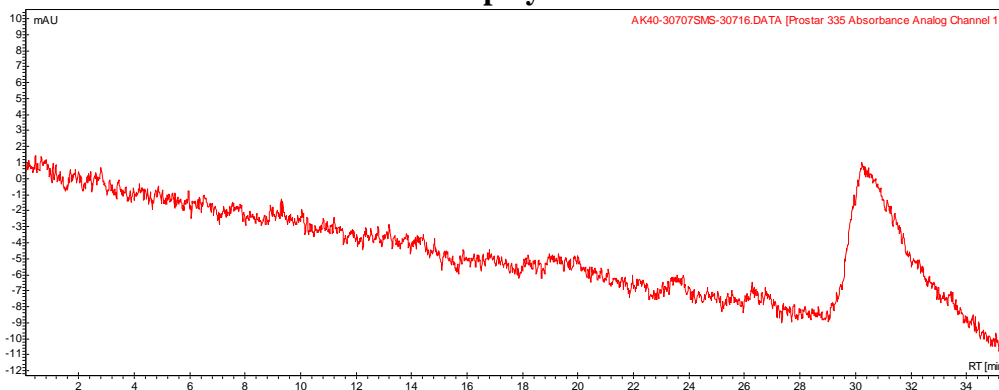
H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymer in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA-PEG-PLGA repeat units: EG-LA/GA: 46*-27/34 (Mn HNMR: 2026*-1945/1994)(*MFG data)

FTIR



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 Phenogel 5u columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-PEG-PLGA	4646	5292	1.14

- Structure of PLGA-PEG-PLGA triblock copolymers**

