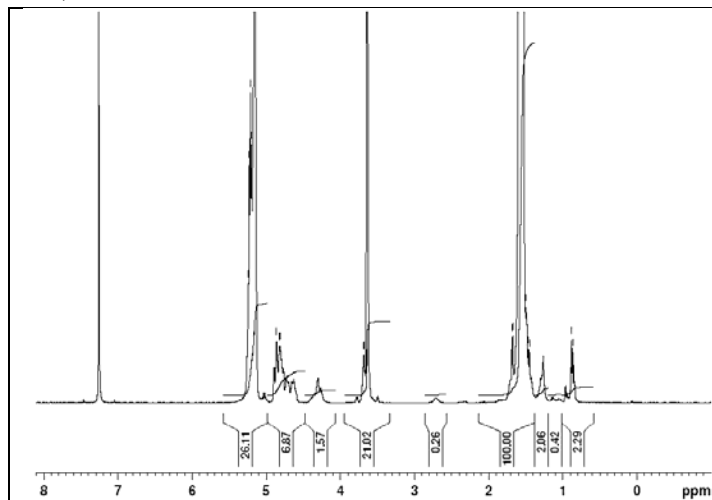


No. AK64 Certificate of Analysis

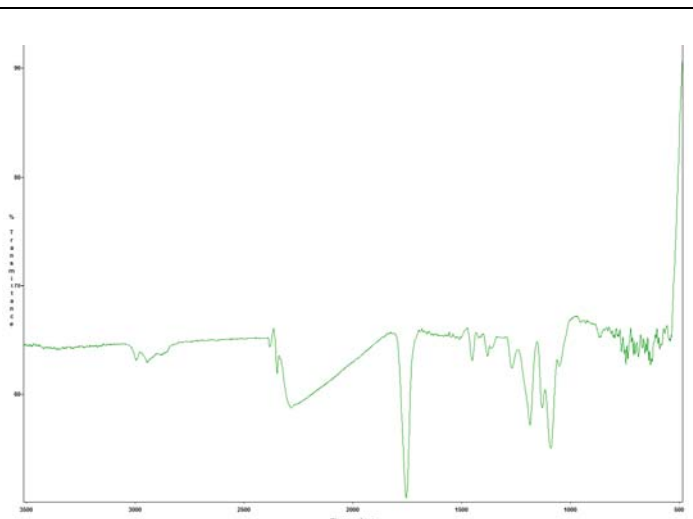
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (5000-1000-5000, 90:10 LA:GA) (Lot# 31021AHT)

H-NMR



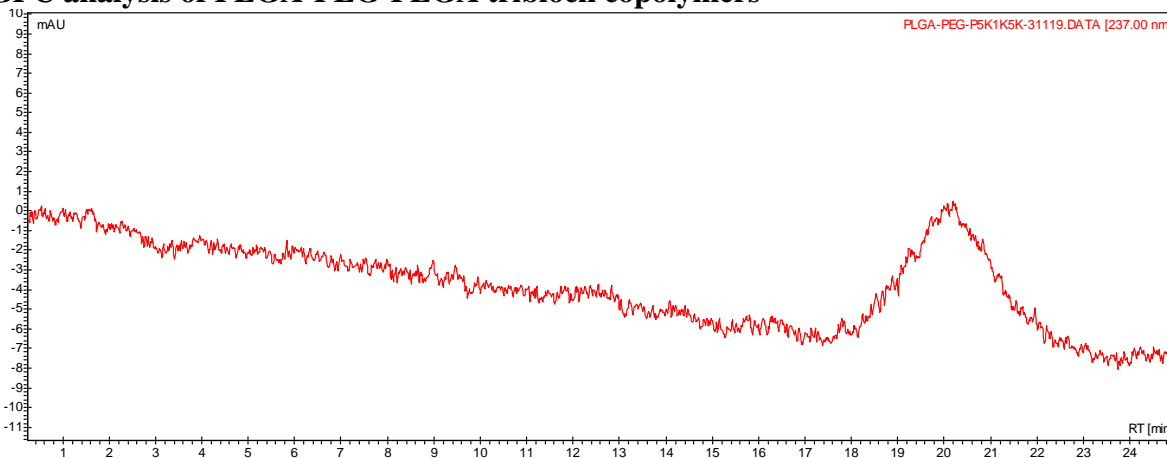
H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymer in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA-PEG-PLGA repeat units: EG-LA/GA: 23*-114/15 (Mn HNMR: 1013*-8228/873)(*-MFG data)

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	M _n (from GPC)	M _w (from GPC)	PDI
PLGA-PEG-PLGA	13,495	25,332	1.88

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

