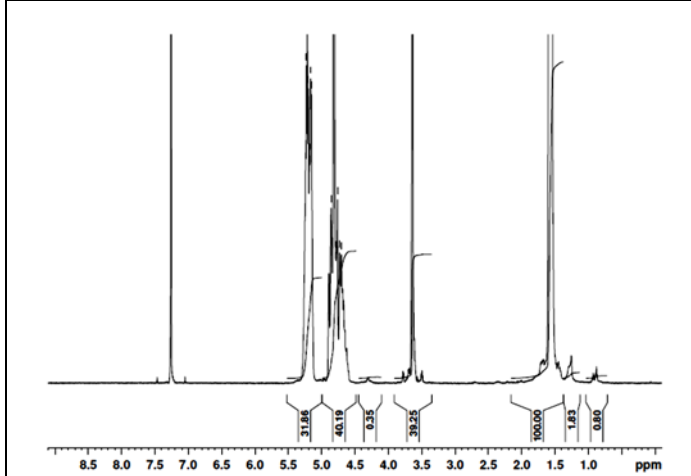


# No. AK72 Certificate of Analysis

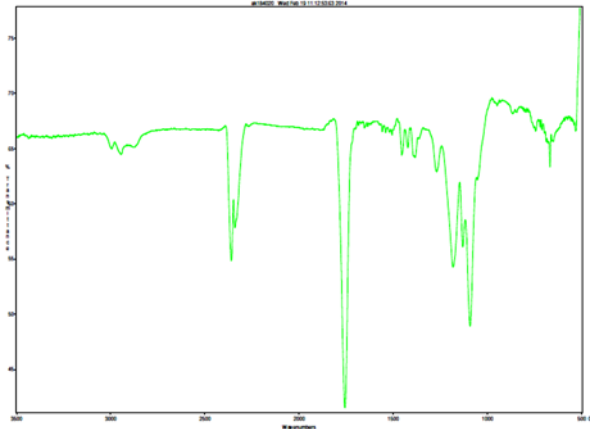
Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (50,000-10,000-50,000, 70:30 LA:GA) (Lot# 40207MPB-B) (REV:A Updated HNMR calculations)

## H-NMR



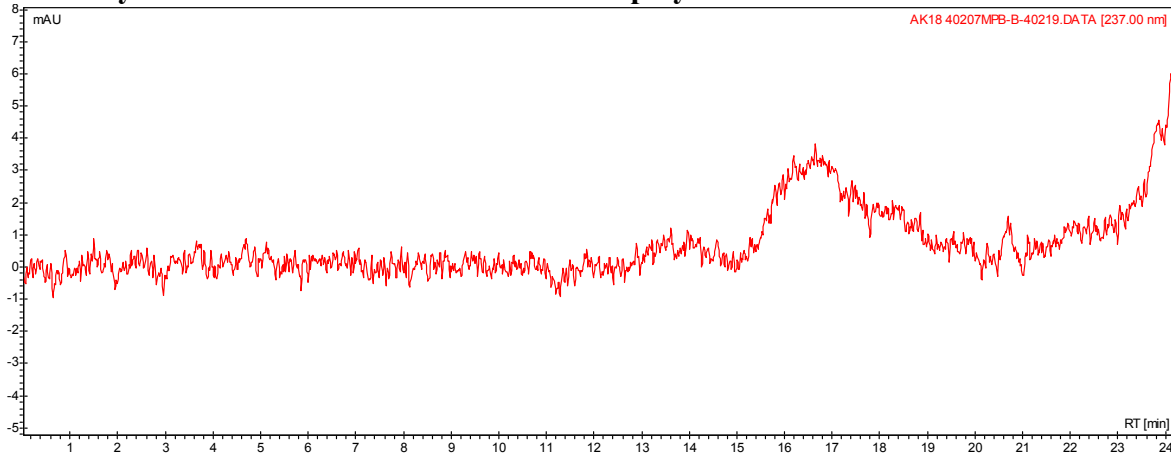
H-NMR Spectrum of PLGA-PEG-PLGA triblock copolymer in CDCl<sub>3</sub> (Varian Inova 300 MHz instrument), NMR of PLGA-PEG-PLGA repeat units: EG-LA/GA: 229\*-744/469 (Mn HNMR: 10,088\*-53535/27219)(\*-MFG nominal MW)

## 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	57,031	108,524	1.90

## • Structure of PLGA-PEG-PLGA triblock copolymers

