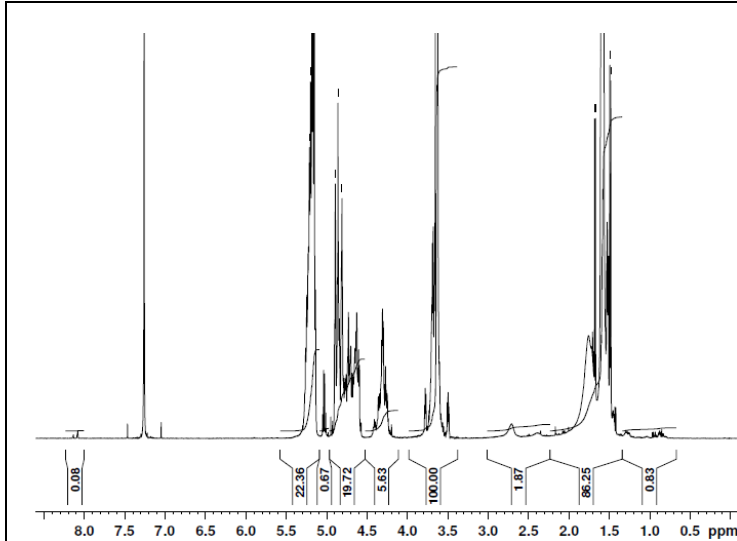


No. AK89 Certificate of Analysis

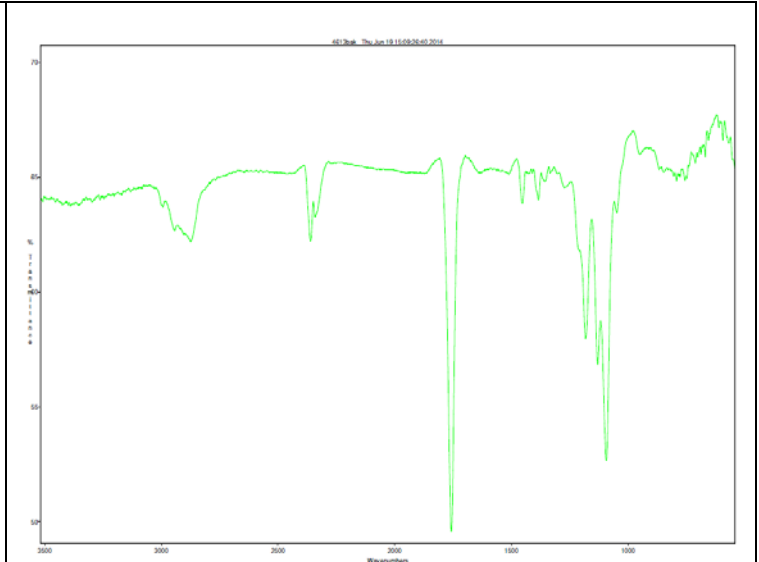
Product Name: Poly(L-lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(L-lactic-co-glycolic acid) copolymers ($M_n \sim 1600$ -1500-1600 Da, 3:1 LA:GA) (Lot# 40613BAK)

H-NMR



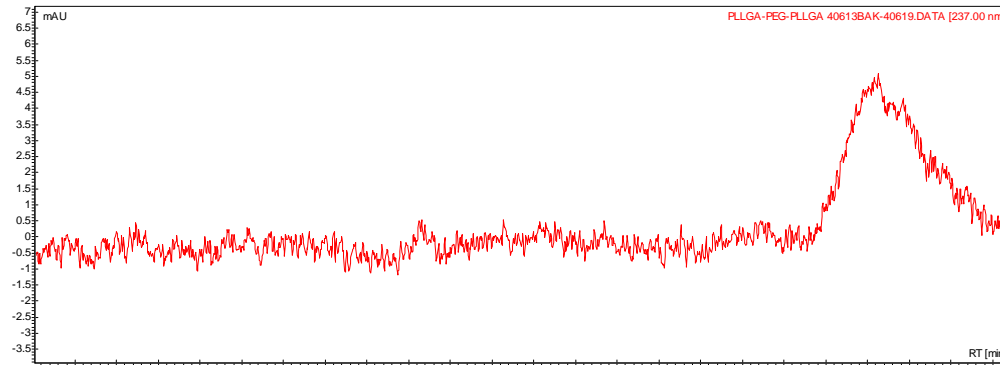
H-NMR Spectrum of PLLGA-PEG-PLLGA triblock copolymer in $CDCl_3$ (Varian Inova 500 MHz instrument), M_n NMR of PLLGA-PEG-PLLGA triblock copolymers: EG-LA/GA:1498*-2189/778 (EG-LA/GA residues: 34*-30/13) (*-data from MFG) (purity HNMR: 99%)

FTIR



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

- **GPC**

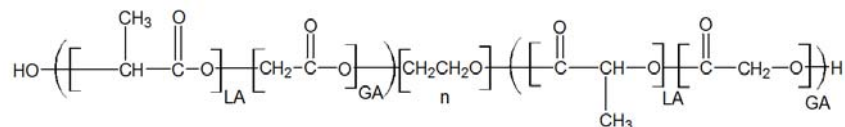


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel $5\mu m$ columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M_n (GPC)	M_w (GPC)	PDI
PLLGA-PEG-PLLGA	6,124	9,065	1.48
PEG Precursor	$M_n - 1,485^*$		

*-MFG data

- **Structure**



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