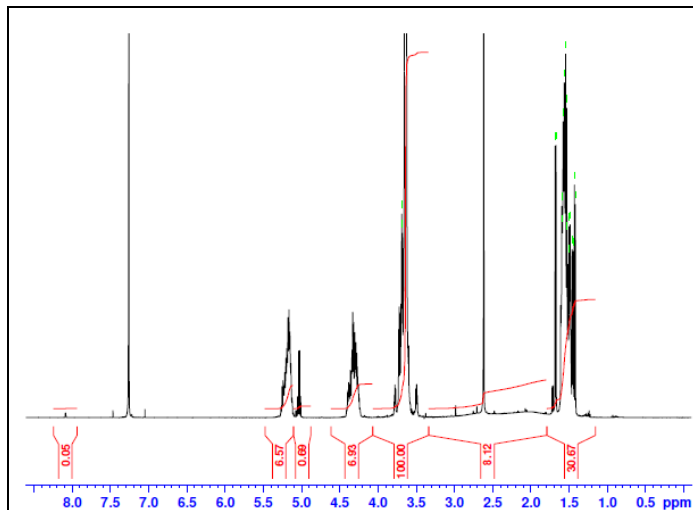
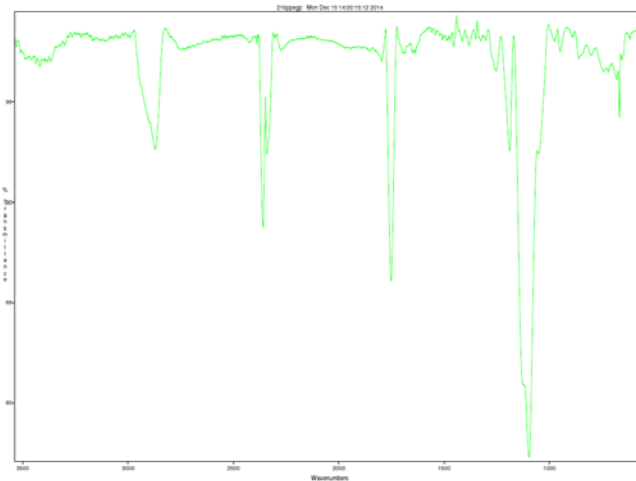


No. AK94 Certificate of Analysis

Product Name: Poly(DL-lactide)-*b*-Poly(ethylene glycol)-*b*-Poly(DL-lactide) triblock copolymers (216:1,000:216) (Lot#: 41209FAJ-B)

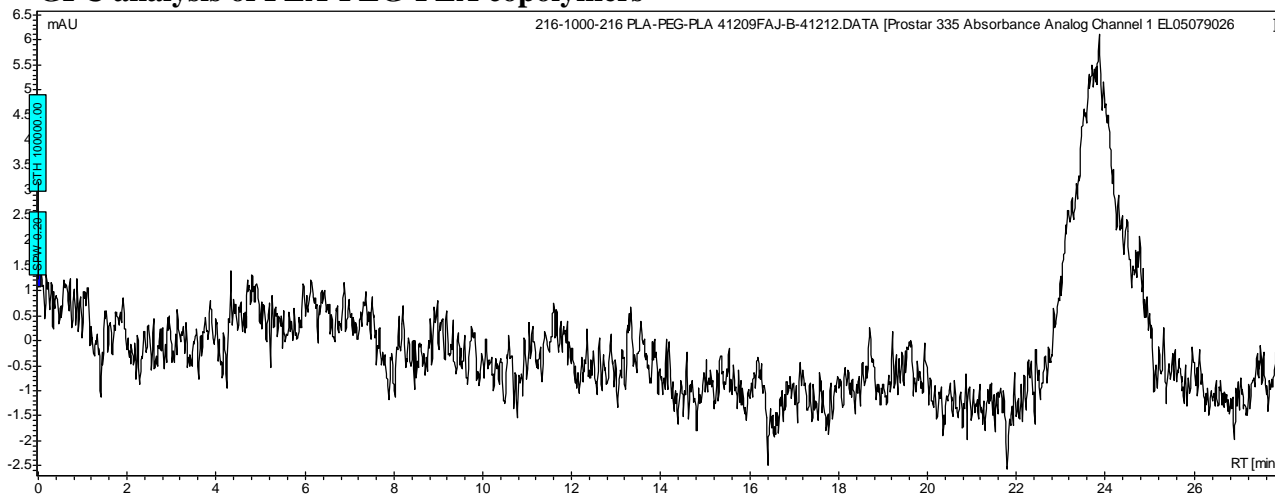


¹H-NMR Spectrum of PLA-PEG-PLA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLA-PEG-PLA repeat units: EG-LA = 23-6, M_n EG-LA = 1,013-435 Da



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

• GPC analysis of PLA-PEG-PLA copolymers

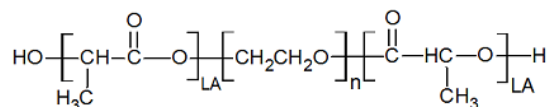


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μm columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards (*PEG standards).

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLA-PEG-PLA	1,924	2,311	1.20
PEG1000 Initiator*	1,118	1,142	1.02

*-Run separately, chromatograph not shown.

• Structure of PLA-PEG-PLA copolymers



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