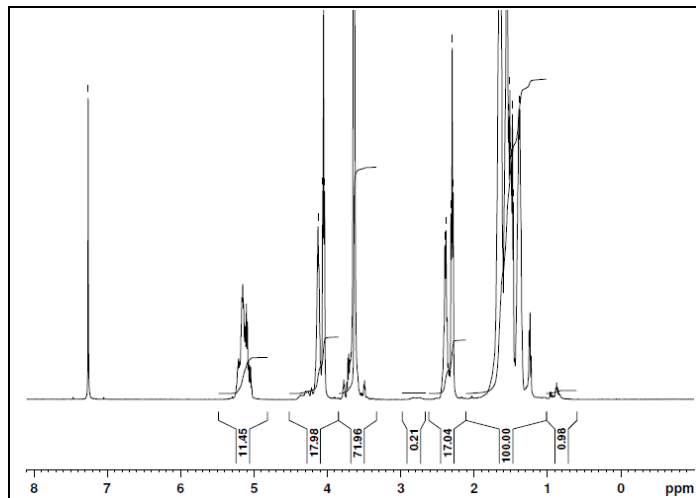


No. AK28

Certificate of Analysis

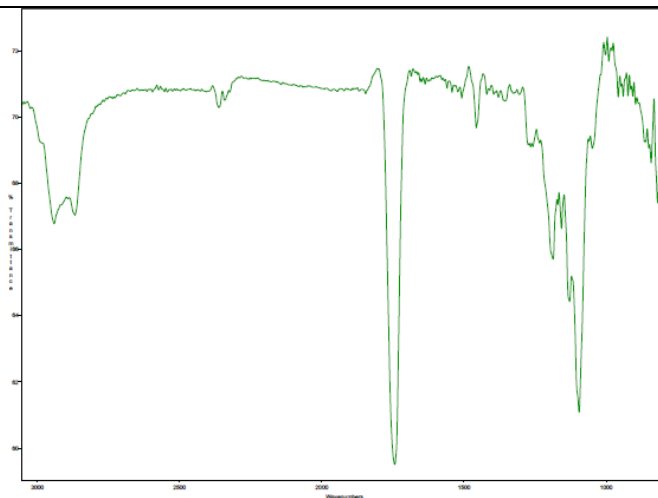
Product Name: Poly(lactide-co-caprolactone)-b-Poly(ethylene glycol)-b- Poly(lactide-co-caprolactone) (~5700-4600-5700Da 1:1 LA:CL) (Lot#: 31009AHT)

H-NMR



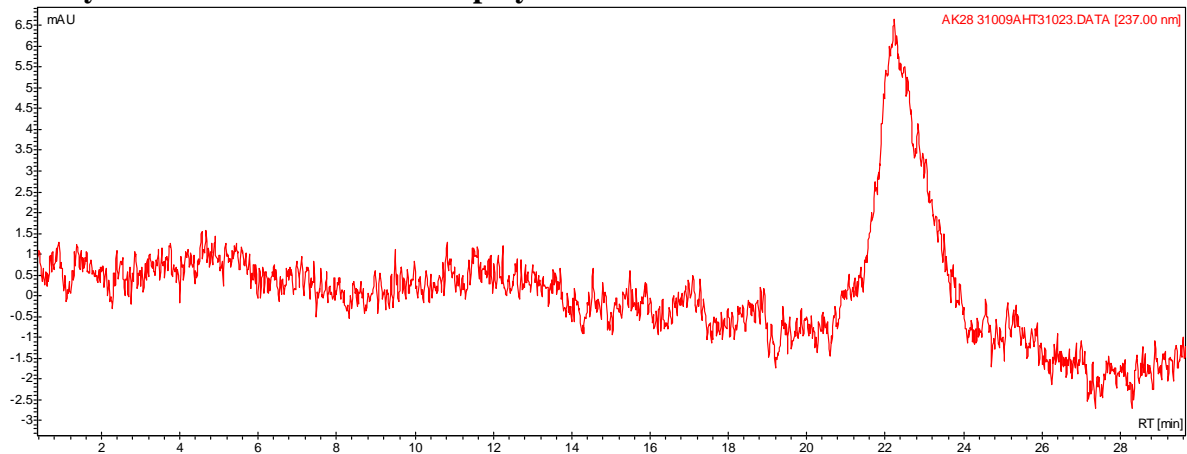
H-NMR Spectrum of PLCL-PEG-PLCL copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLCL-PEG-PLCL repeat units: EG-CL/LA = 105*-52/67 (Mn EG-CL/LA: 4626*-5898/4812) (*-MFG data)

FTIR



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

- GPC analysis of PLCL-PEG-PLCL copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three Phenogel 5u columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLCL-PEG-PLCL	15260	19041	1.25
PEG 4600	4410	4942	1.12

- Structure of PLCL-PEG-PLCL copolymers**

