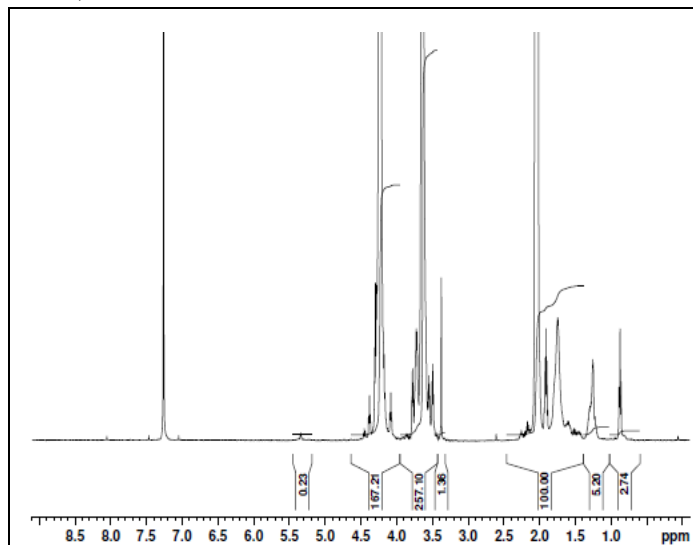


No. AK66

Certificate of Analysis

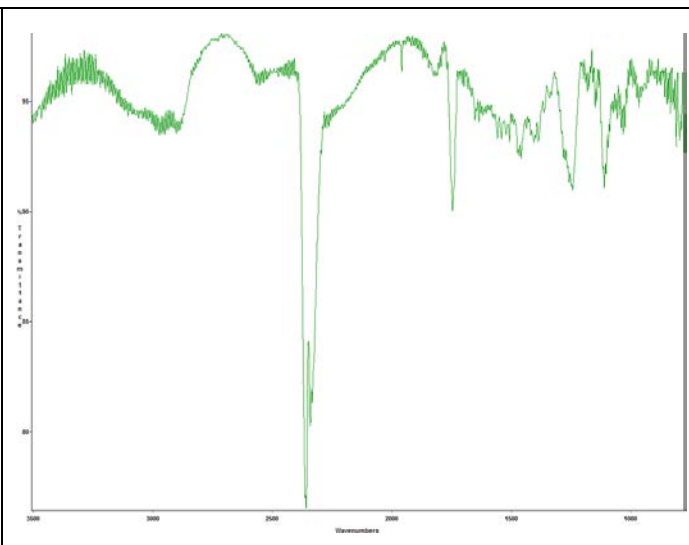
Product Name: Methoxy Poly(ethylene glycol)-Poly(trimethylene carbonate) copolymers (5,000-7,500Da) (Lot #31210JSG)

H-NMR



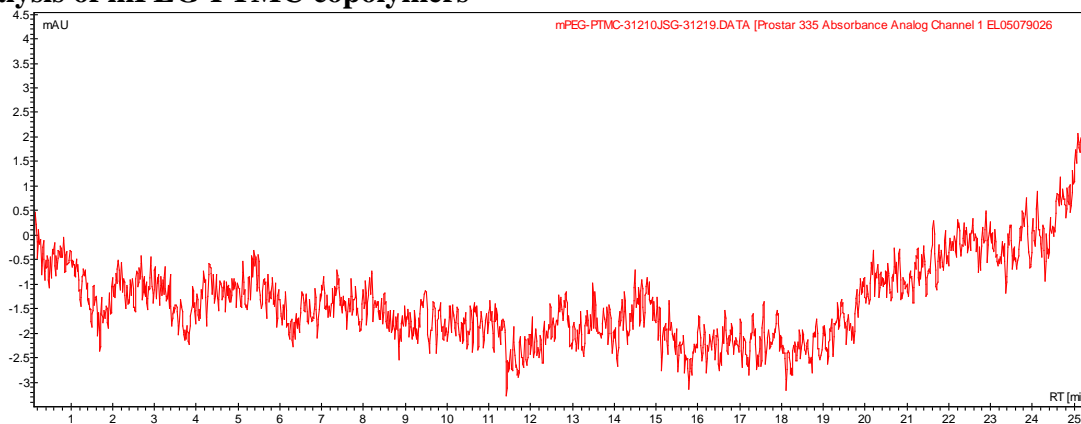
H-NMR Spectrum of mPEG-PTMC copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of mPEG-PTMC copolymers: EG/TMC = 5022*/8898 (*-based on MFG data)

FTIR



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

- GPC analysis of mPEG-PTMC copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5um columns and one Resipore column (Agilent) with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
mPEG-PTMC	9596	15405	1.61
mPEG precursor	5488	5847	1.07

- Structure of mPEG-PTMC copolymers**

