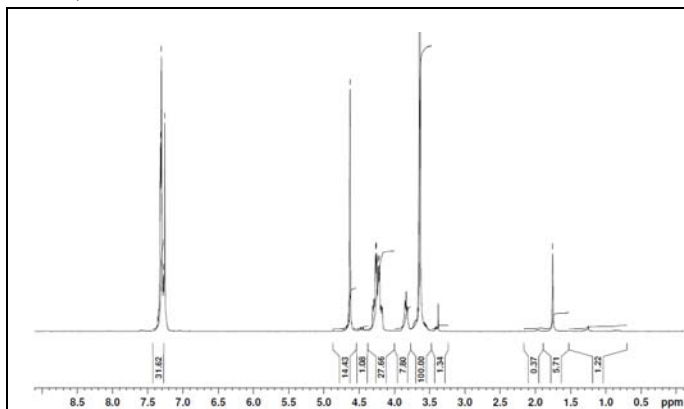


No. AK78

Certificate of Analysis

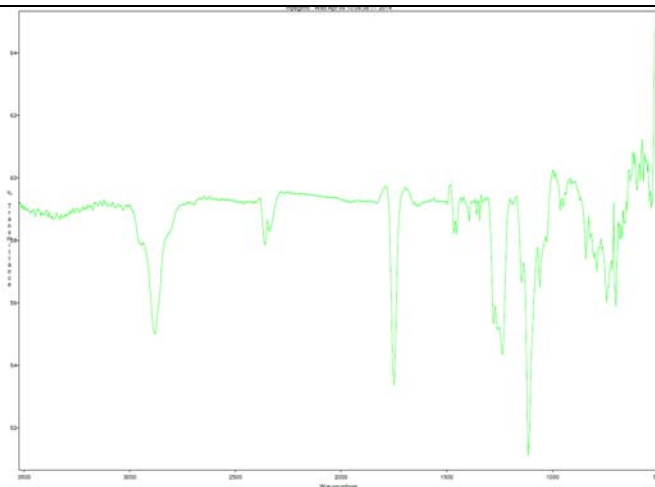
Product Name: Methoxy Poly(ethylene glycol)-Poly(5-Benzyloxy-trimethylene carbonate) copolymers (5,000-7,000Da) (Lot #31210JSG)

H-NMR



H-NMR Spectrum of mPEG-P5BZTMC copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of mPEG-PTMC copolymers: EG/5BZTMC = 5022*/6004 (*-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-P5BZTMC 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-P5BZTMC	11405	17180	1.51
mPEG precursor	5488	5847	1.07

- Structure of mPEG-PTMC copolymers**

