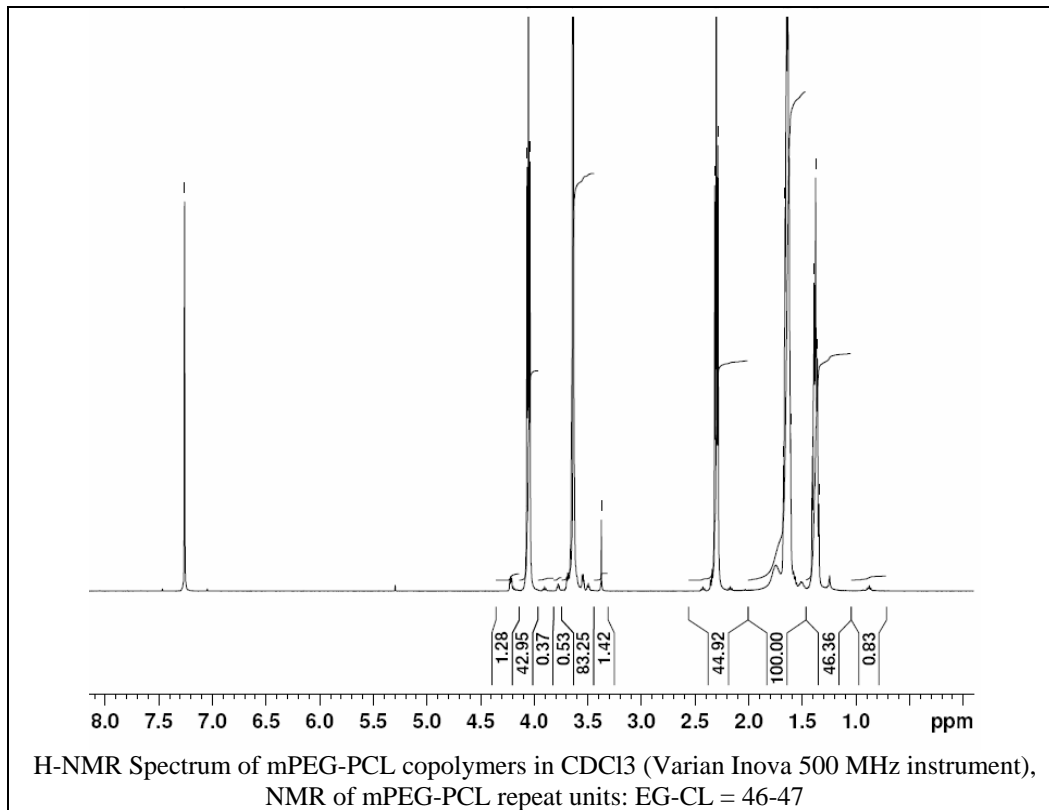


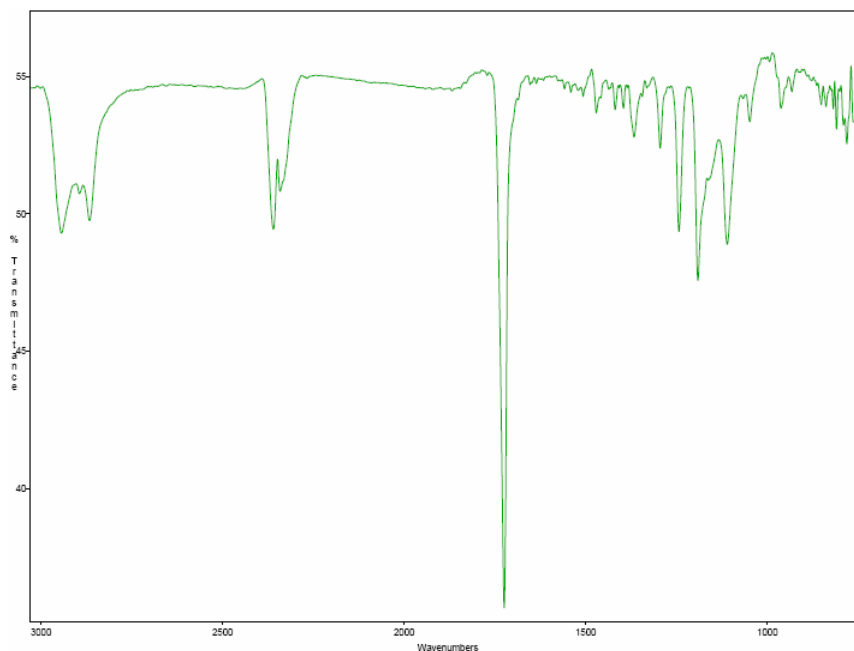
No. AK01

# Certificate of Analysis

Product Name: Methoxy Poly(ethylene glycol)-*b*-Polycaprolactone copolymers (2,000:5,200 Da) (Lot#: 30412SMG)

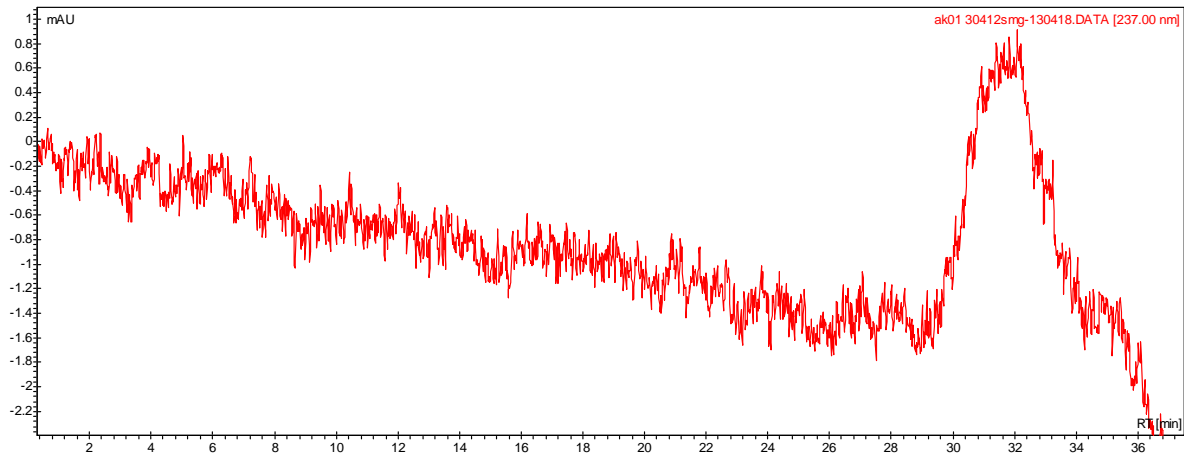


- **FTIR analysis of mPEG-PCL copolymers**



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

- **GPC analysis of mPEG-PCL copolymers**



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG (initiator)	2468	2509	1.02
mPEG-PCL (copolymer)	7320	8615	1.18

- **Structure of mPEG-PCL copolymers**

