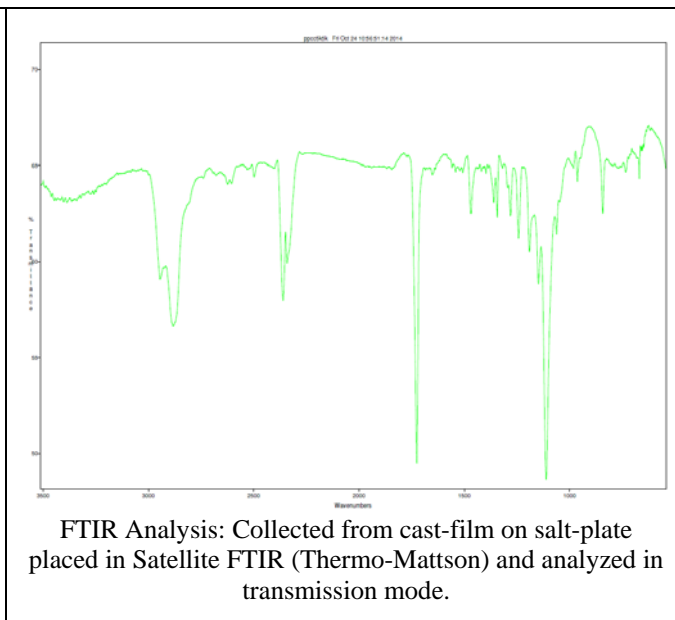
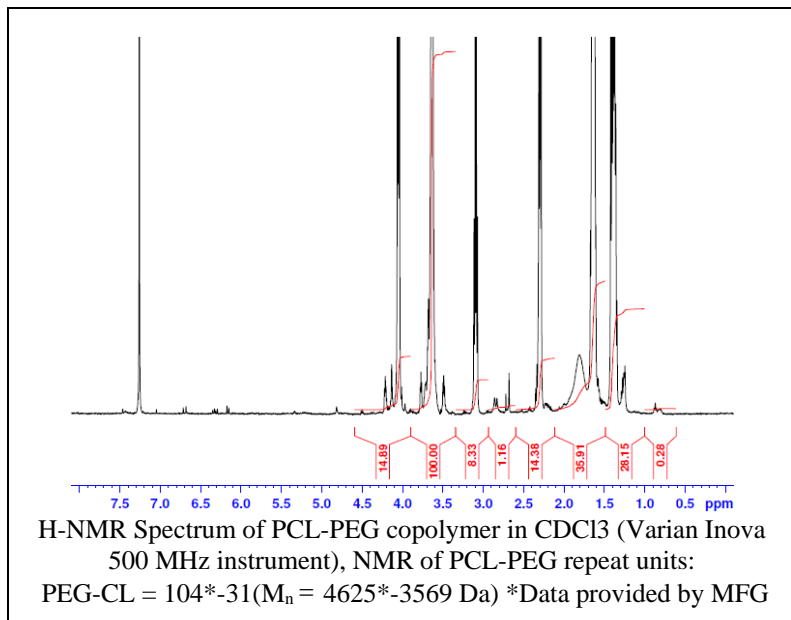
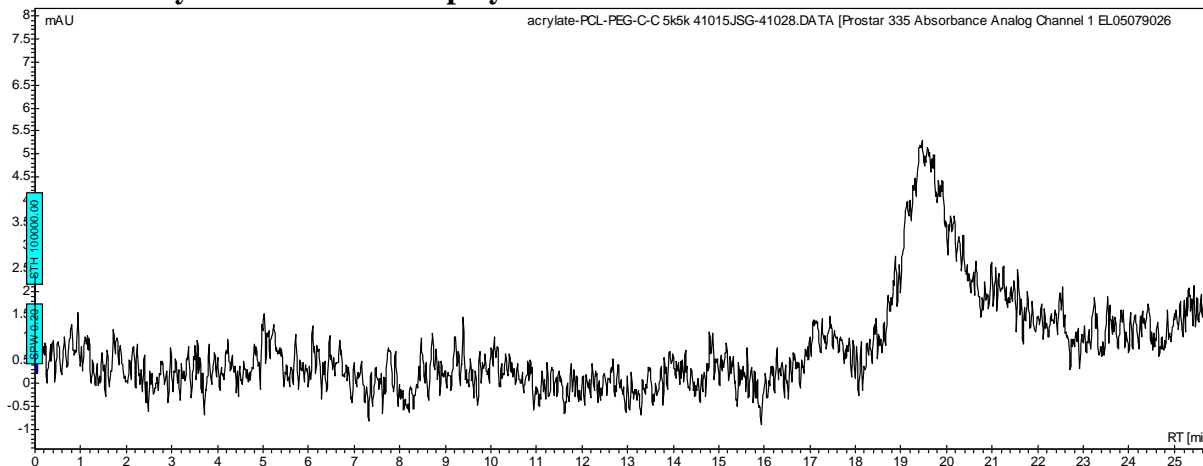


# No. AI93 Certificate of Analysis

Product Name: Acrylate-Poly(caprolactone)-b-Poly(ethylene glycol)-alkyne (5,000-5,000Da)  
(Lot#: 41015JSG)



- GPC analysis of PCL-PEG copolymers**

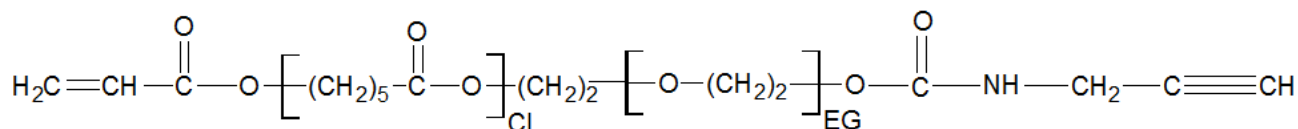


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 $\mu$ m columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
Acrylate-PCL-PEG-C $\equiv$ C	8810	14,053	1.60
PEG precursor	Average M <sub>w</sub> by GFC – 4600*		

\*Data provided by mfg.

- Structure of acrylate-PCL-PEG-alkyne copolymers**



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