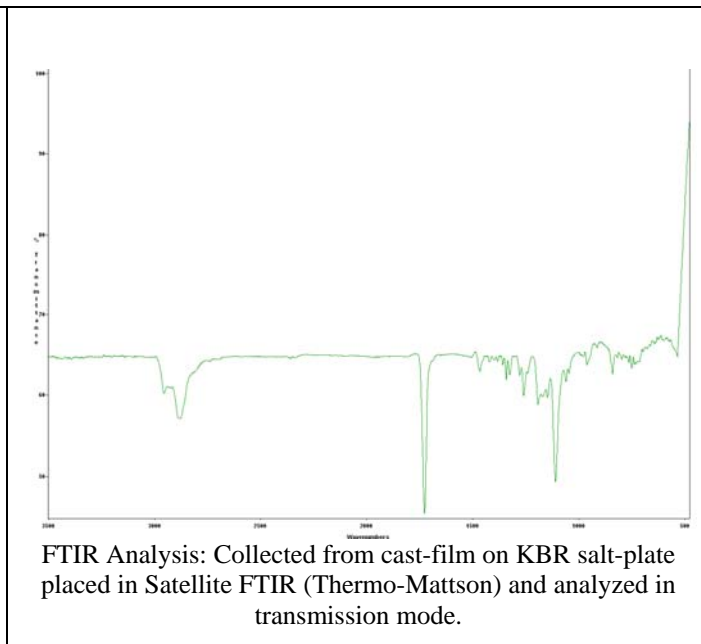
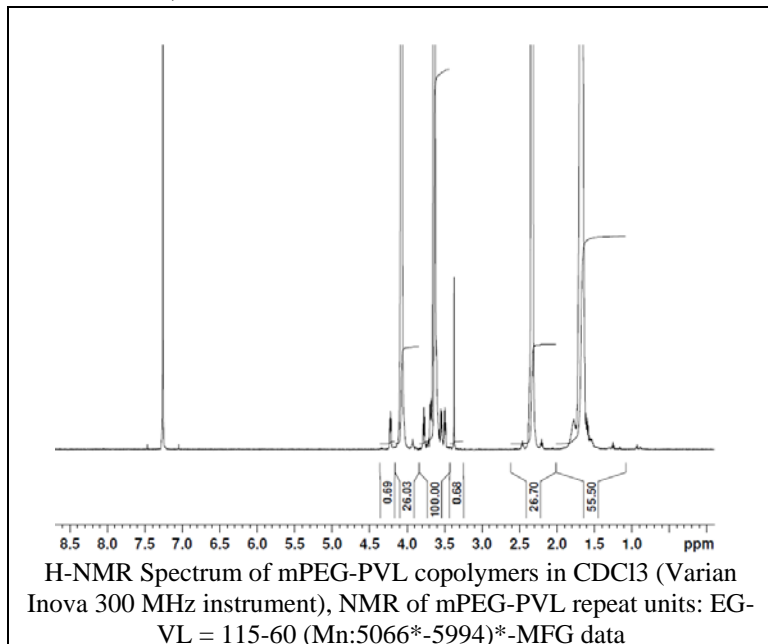


No. AK67 Certificate of Analysis

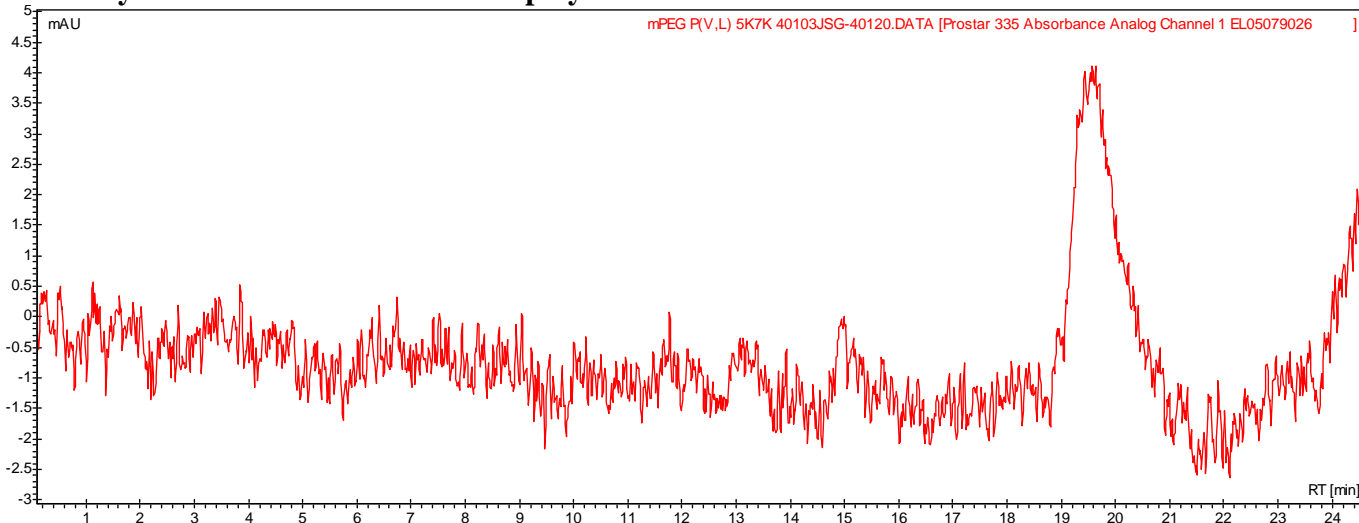
Product Name: Methoxy Poly(ethylene glycol)-b-Poly(delta-valerolactone) copolymers
(M_w ~5,000:7000Da) (Lot#: 40103JSG) (REV A-UPDATED HNMR DATA)

• **H-NMR**

FTIR



• **GPC analysis of mPEG-PVL diblock copolymers**



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
mPEG-PVL	12204	13949	1.14
mPEG-OH precursor*	5488	5847	1.07

*-data not on graph

• **Structure of mPEG-PVL diblock copolymers**

