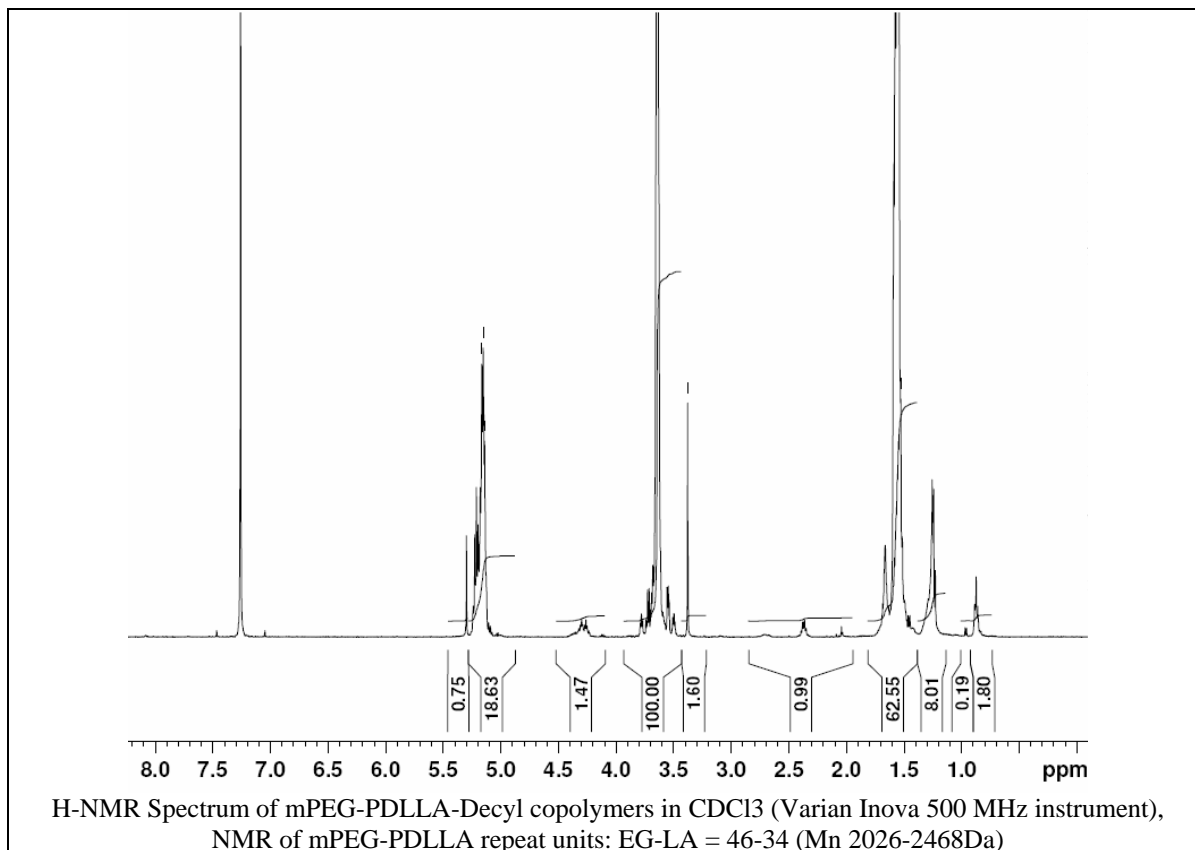


No. AK09D

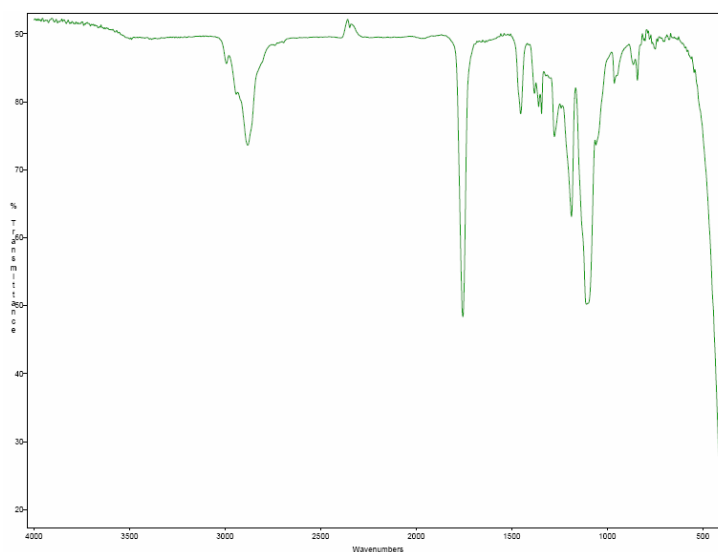
# Certificate of Analysis



Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly (DL-lactic acid)-Decyl copolymers  
(MW ~2000-2200 Da) (Lot#: 30305SMG)

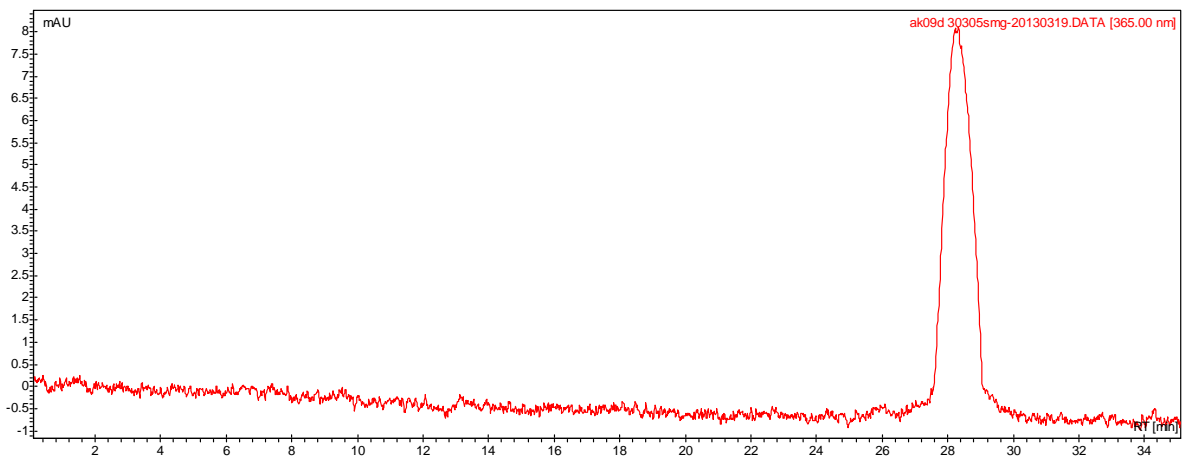


- **FTIR analysis of mPEG-PDLLA-Decyl copolymers**



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-PDLLA-Decyl 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-PDLLA	6006	6323	1.05
mPEG 2000 precursor*	3243	3258	1.01

\*-data previously collected GPC against polystyrene standards.

- **Structure of mPEG-PDLLA-Decyl copolymers**

