

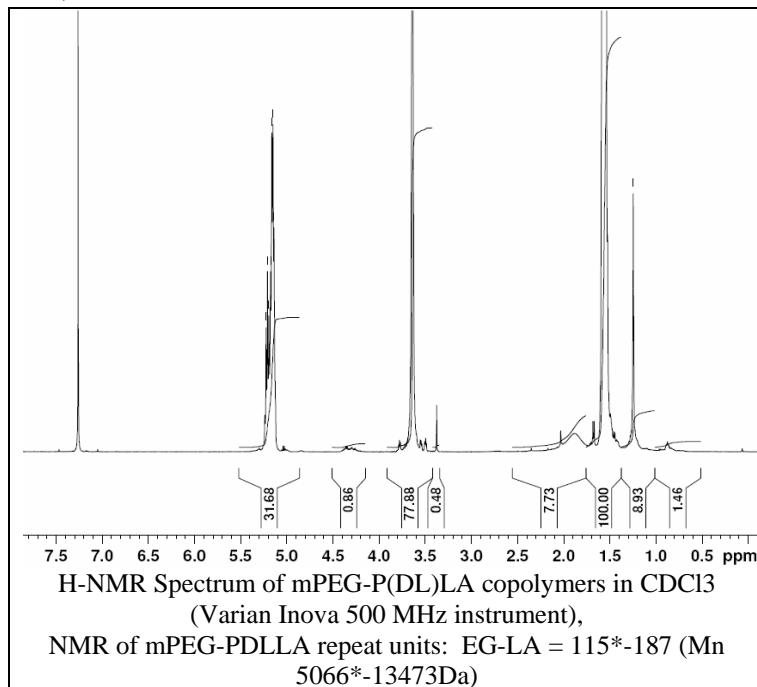
# No. AK49

# Certificate of Analysis

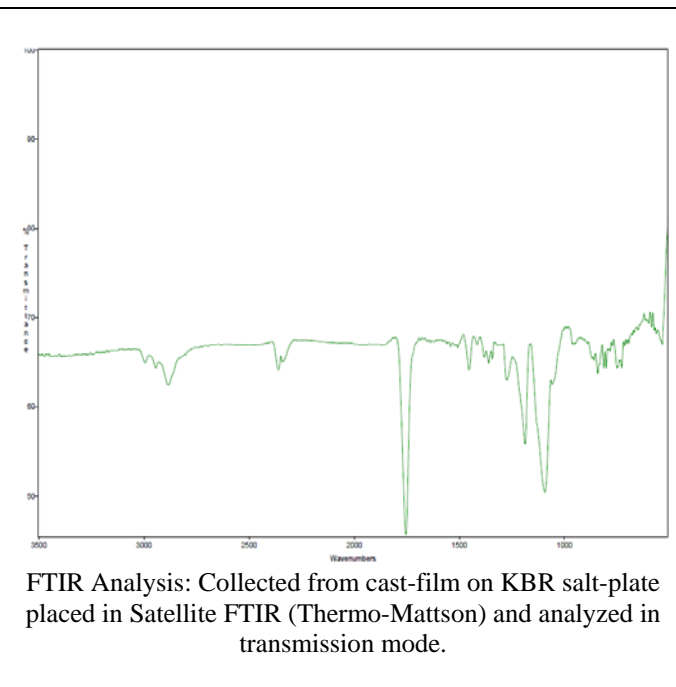


Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly((D,L)lactic acid) diblock copolymers  
(5000:14000Da) (Lot#: 30708SMS)

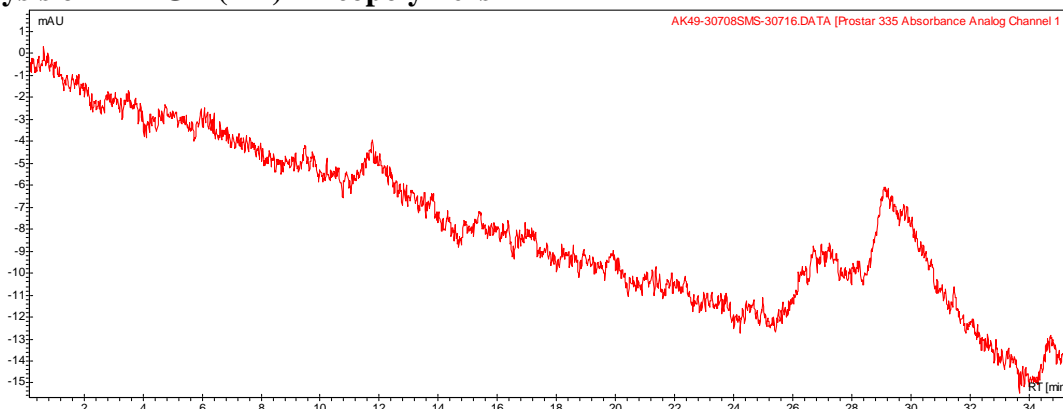
## H-NMR



## FTIR



### • GPC analysis of mPEG-P(DL)LA copolymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-P(DL)LA	9038	19296	2.13
mPEG precursor*	5488	5847	1.07

\*-ran separately data not shown

### • Structure of mPEG-P(DL)LA copolymers

