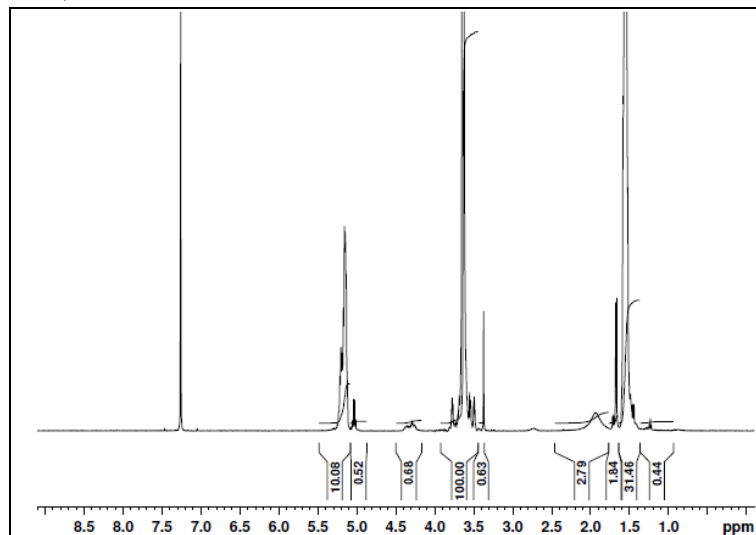


No. AK63

Certificate of Analysis

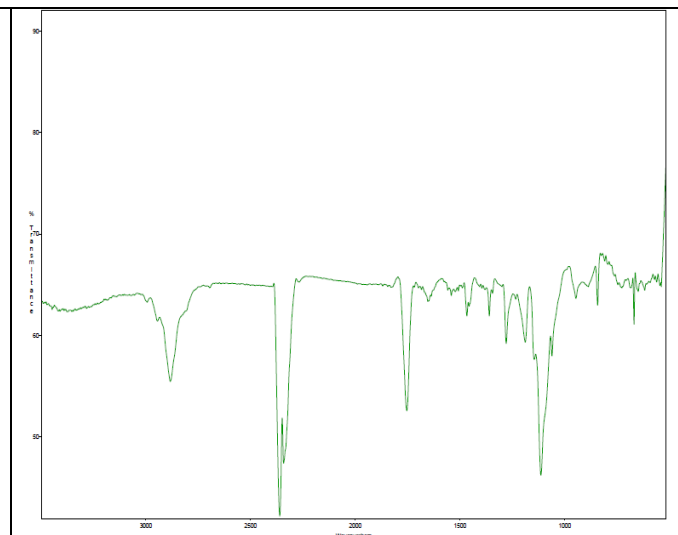
Product Name: Methoxy Poly(ethylene glycol)-*b*-Poly((D,L)lactide) diblock copolymers
(5,000:4,000Da) (Lot#: 30925AHT)

H-NMR



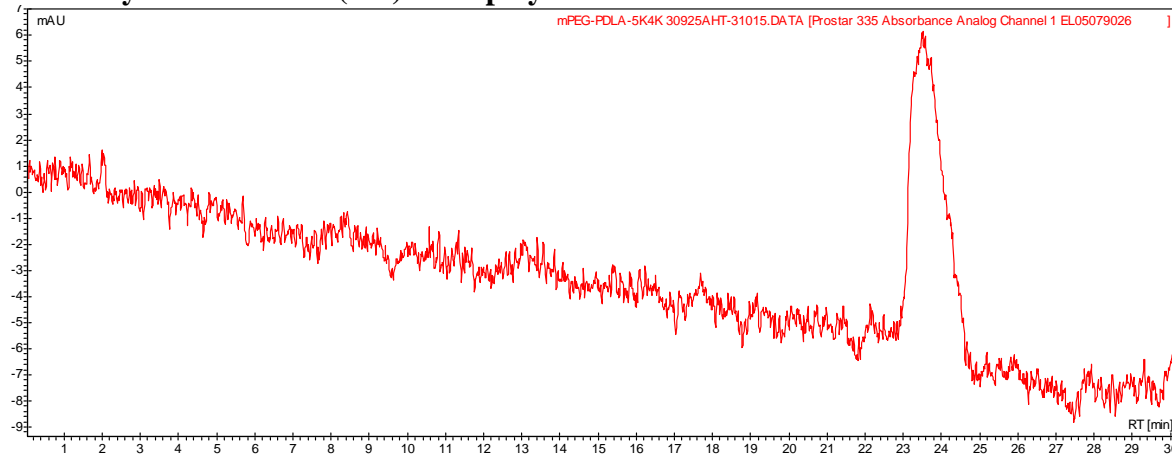
H-NMR Spectrum of mPEG-P(DL)LA copolymers in CDCl₃
(Varian Inova 500 MHz instrument), NMR of mPEG-PDLLA repeat
units: EG-LA = 115-46 (Mn HNMR 5066-3338Da)

FTIR



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-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	8919	10324	1.16
mPEG initiator	5488	5847	1.07

• Structure of mPEG-P(DL)LA copolymers

