

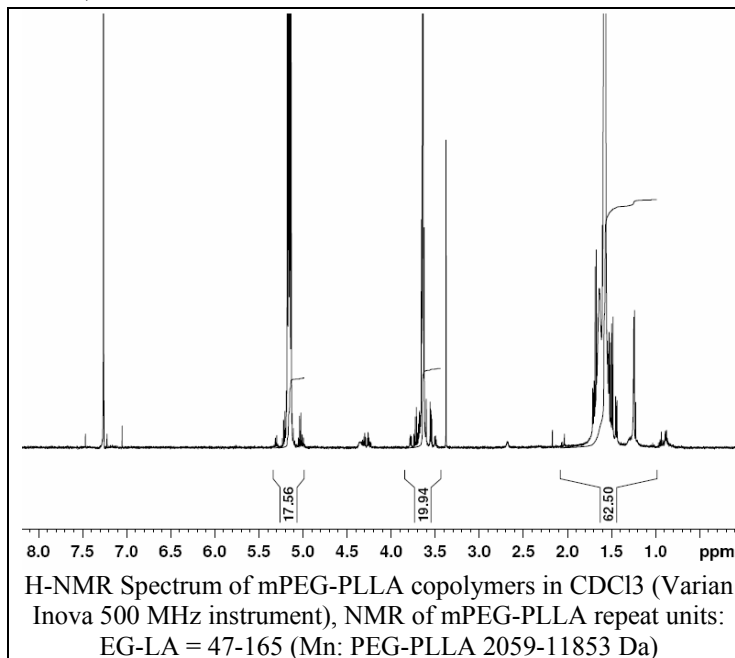
No. AK05

Certificate of Analysis

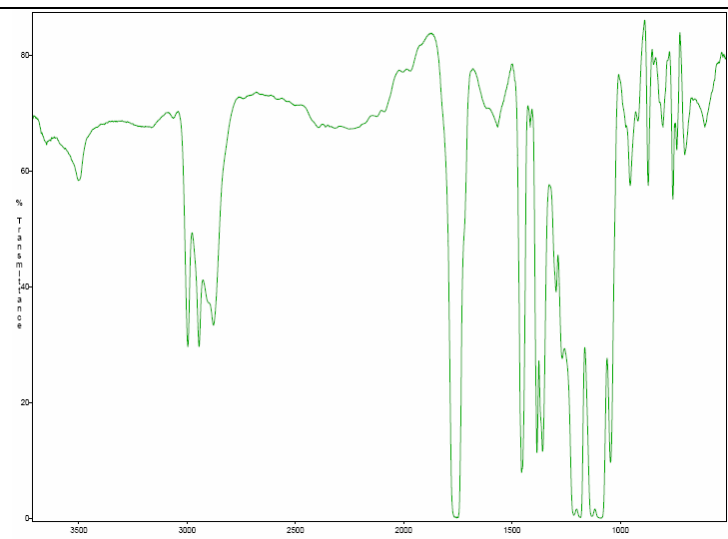


Product Name: Methoxy Poly(ethylene glycol)-b-Poly(L-lactic acid) copolymers (MW ~ 2000:10000Da) (Lot#: 30723JLB)

H-NMR

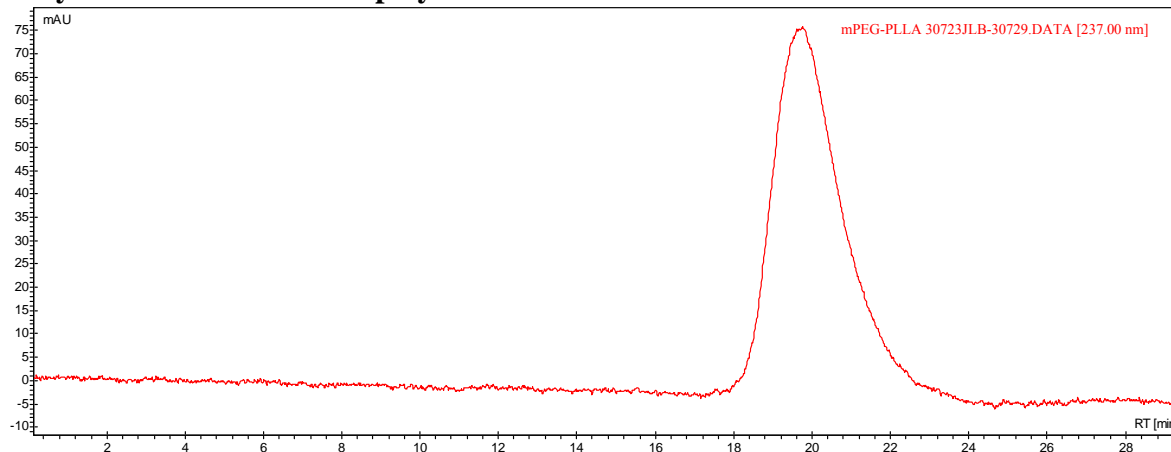


FTIR



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

• GPC analysis of mPEG-PLLA 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-PLLA	12886	24006	1.86
mPEG initiator*	2095	2119	1.01

• Structure of mPEG-PLLA copolymers

