

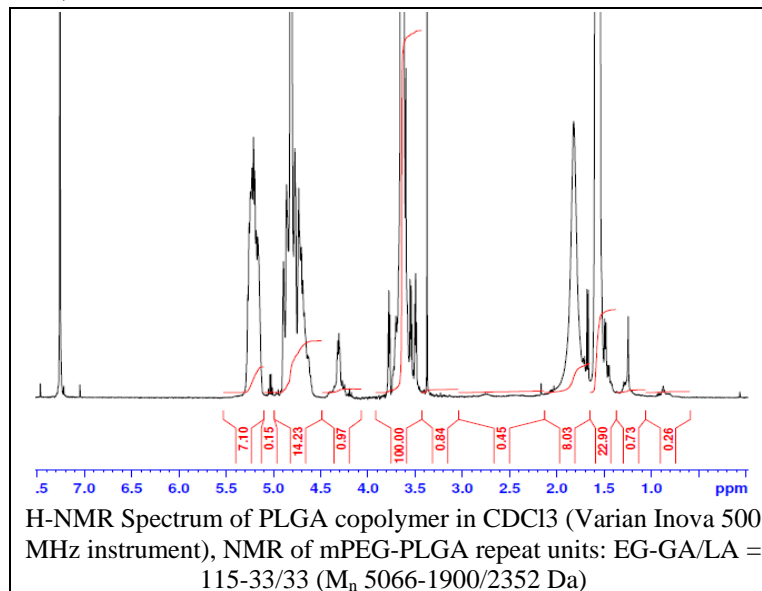
# No. AK51

# Certificate of Analysis

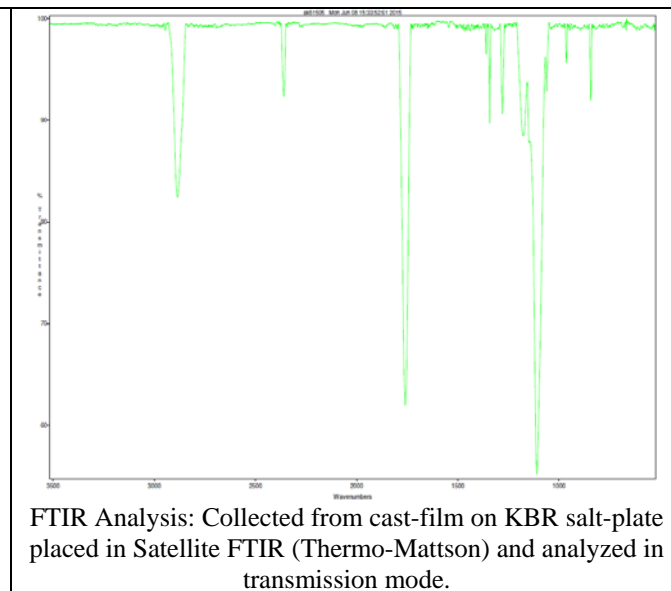


Product Name: Methoxy Poly(ethylene glycol)-b-Poly(lactide-b-glycolide) (5,000:5,000 Da)  
(Lot#: 50519AHT)

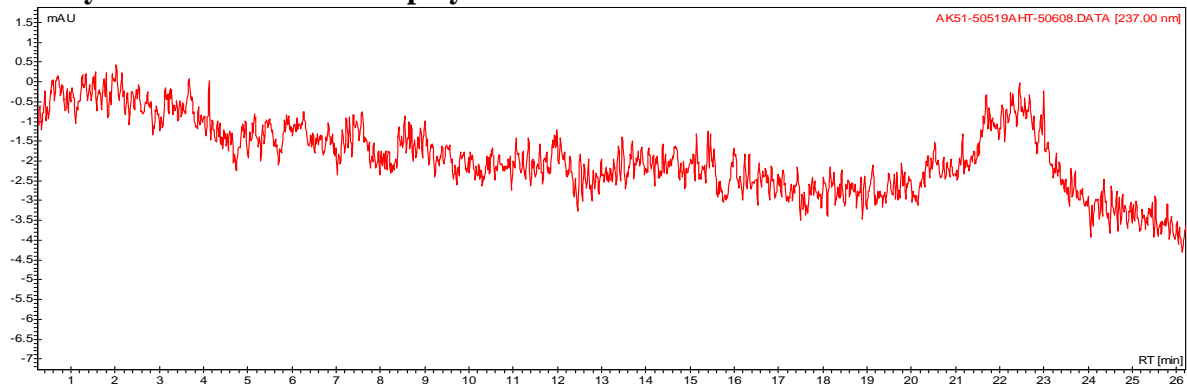
## H-NMR



## FTIR



### • GPC analysis of mPEG-PLGA copolymer

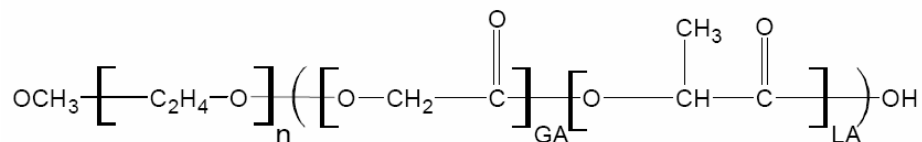


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three Phenogel 5u columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
mPEG-PLGA	6,955	10,595	1.52
mPEG initiator*	5,591	5,618	1.01

\* - against PEG standards

### • Structure of mPEG-PLGA copolymer



Material provide for research use only. Not for human use.