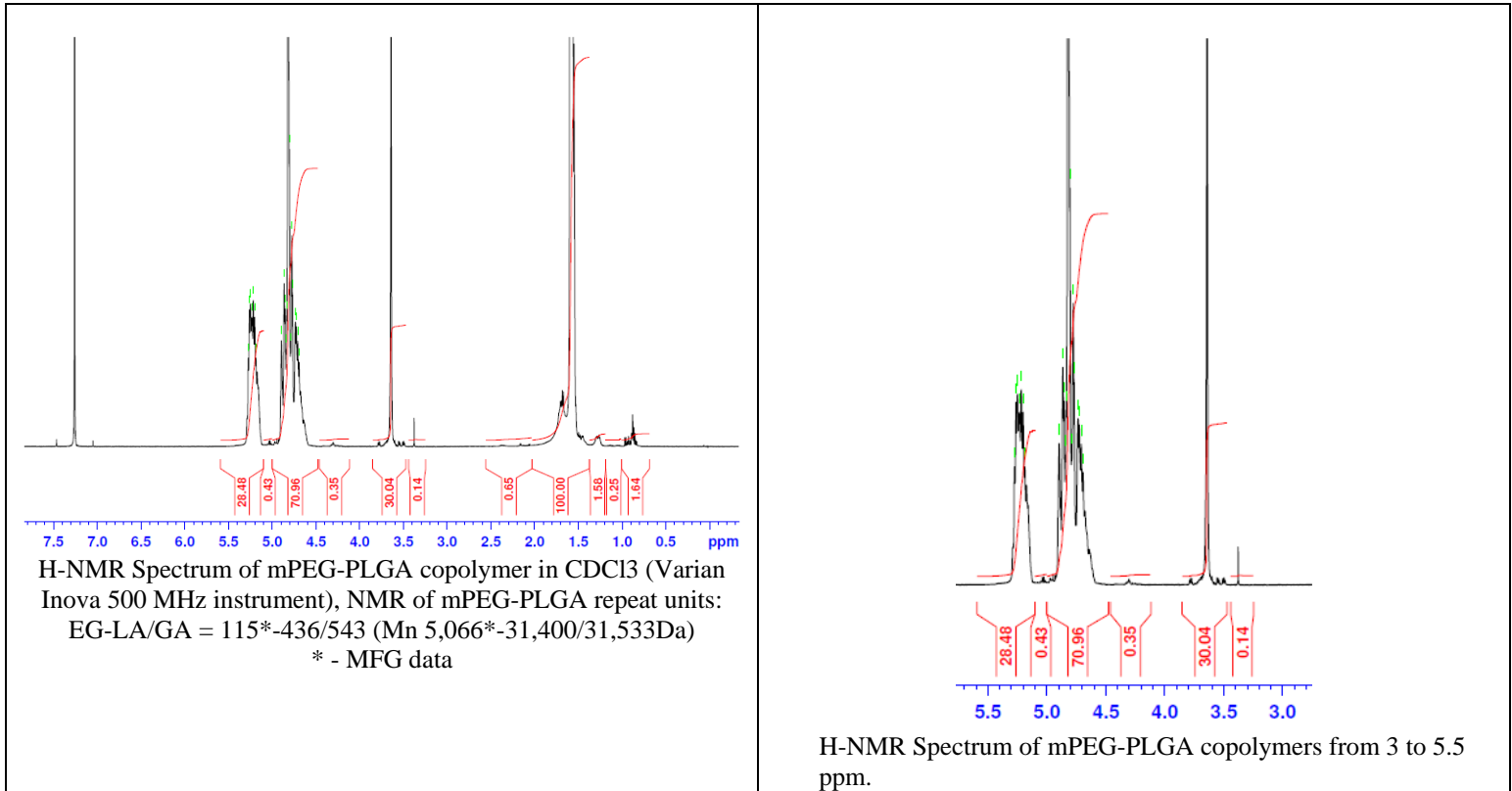


No. AK26 Certificate of Analysis

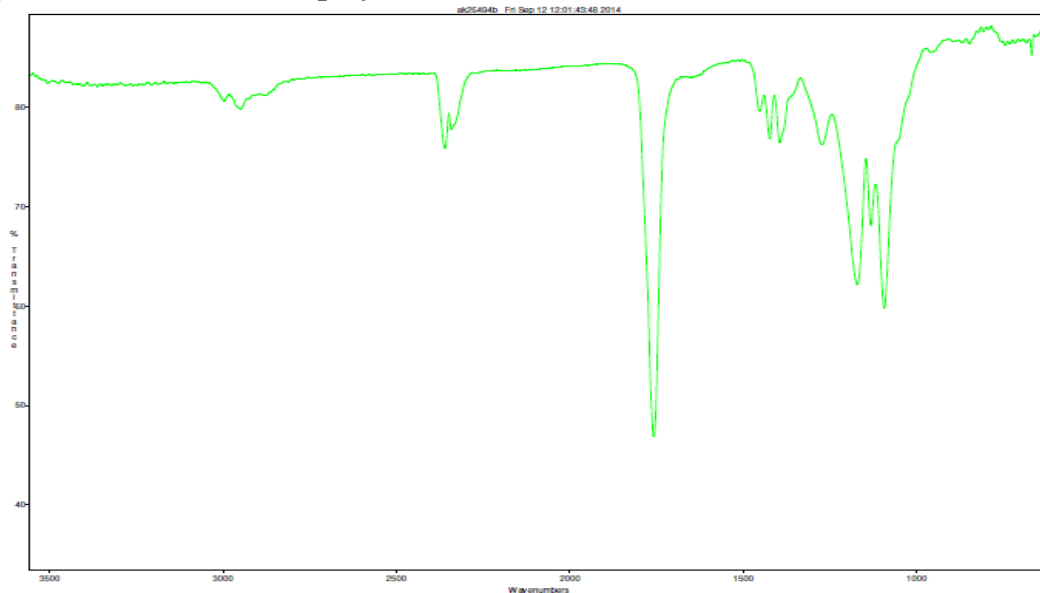
Product Name: Methoxy Poly(ethylene glycol)-Poly(lactide-co-glycolide) (5,000-55,000 Da)

(Lot#: 40904BAK)

HNMR



- FTIR analysis of mPEG-PLGA copolymers



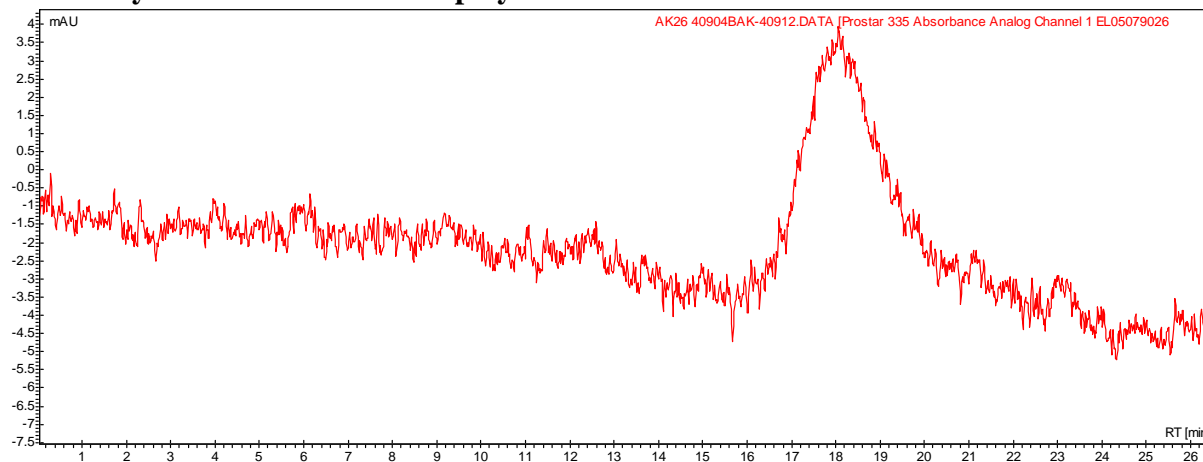
Collected from cast-film on salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

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

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- **GPC analysis of mPEG-PLGA copolymers**



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
mPEG-PLGA	31,803	65,882	2.07
mPEG5000 initiator*	5,301	5,372	1.01

- **Structure of mPEG-PLGA copolymers**

