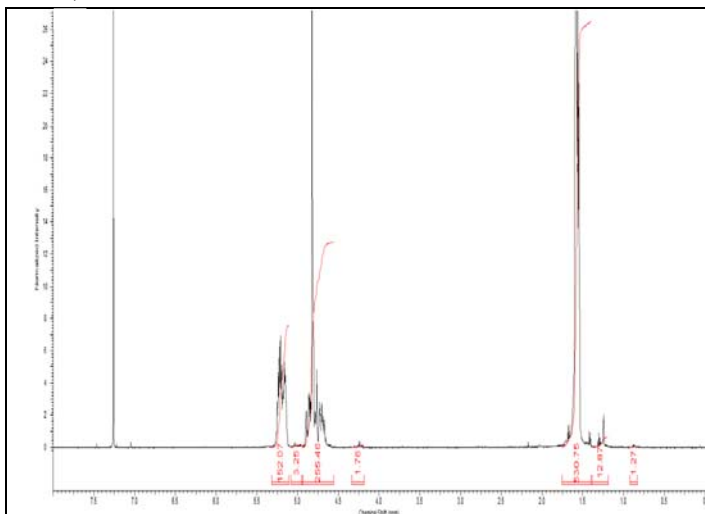


No. AP17

Certificate of Analysis

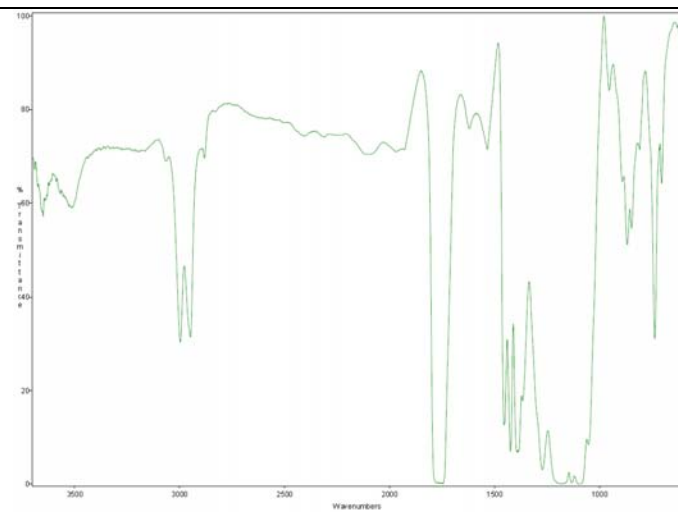
Product Name: Poly(lactide-co-glycolide) acid endcap (60:40 LA:GA) (Mn: 15,000-25,000 Da)
(Lot#: 1307001)

H-NMR



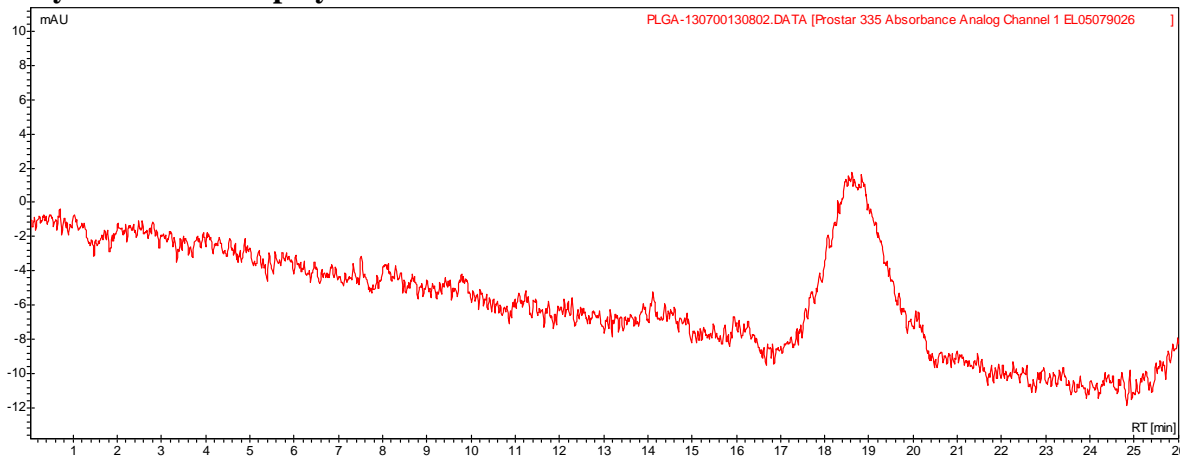
H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 40%/60%

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 PLGA 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
PLGA	76,792	103,597	1.35

- **Structure of PLGA copolymers**

