

No. AP17

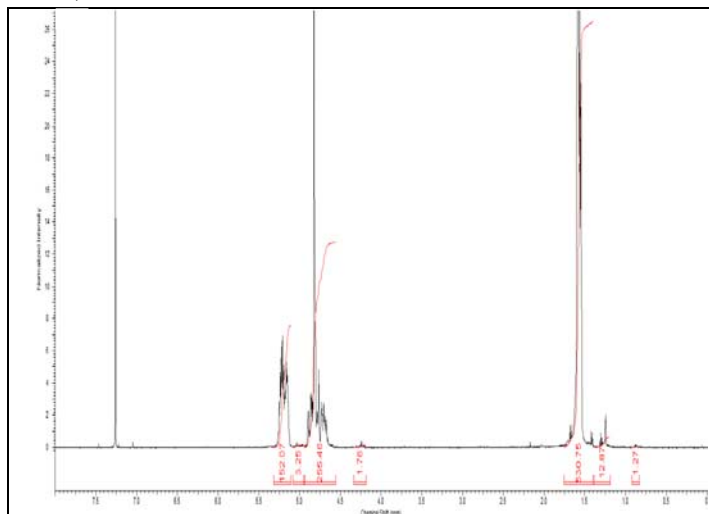
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) acid endcap (60:40 LA:GA) (Mn: 75,000-85,000 Da)

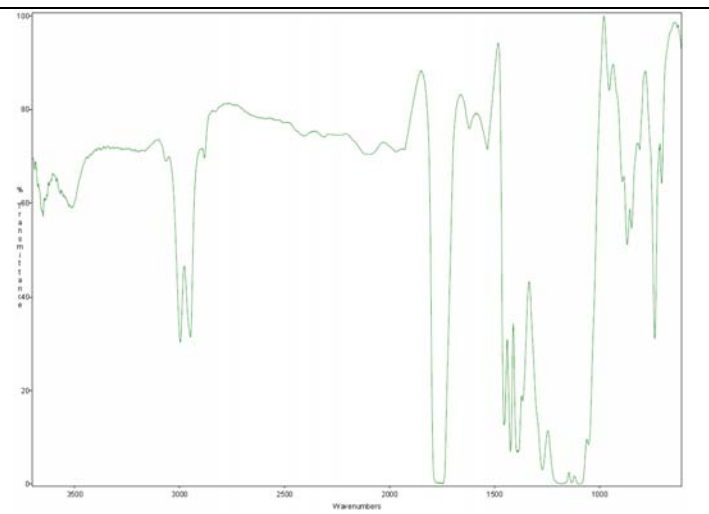
(Lot#: 1307001)

H-NMR



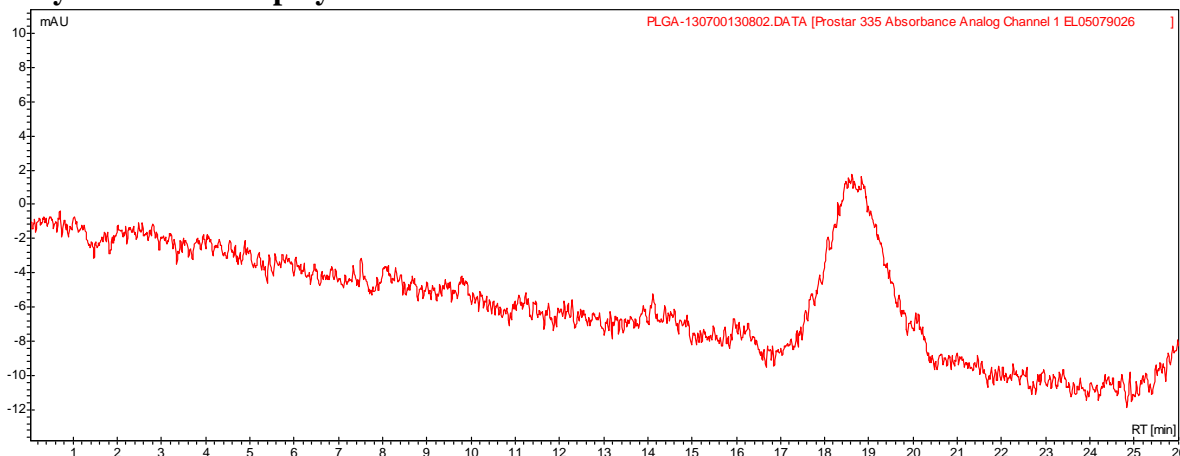
H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 40%/60% (55/65 mole/mole)

FTIR



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

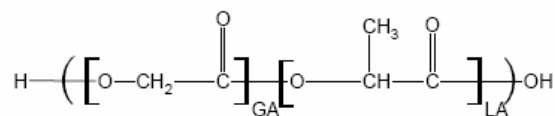
• GPC analysis of PLGA copolymers



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



This specific batch is distributed by Akina, Inc. on behalf of original manufacturer.
Quality testing was performed in-house by Akina, Inc. prior to sale and is as shown here.
This batch manufactured in China.