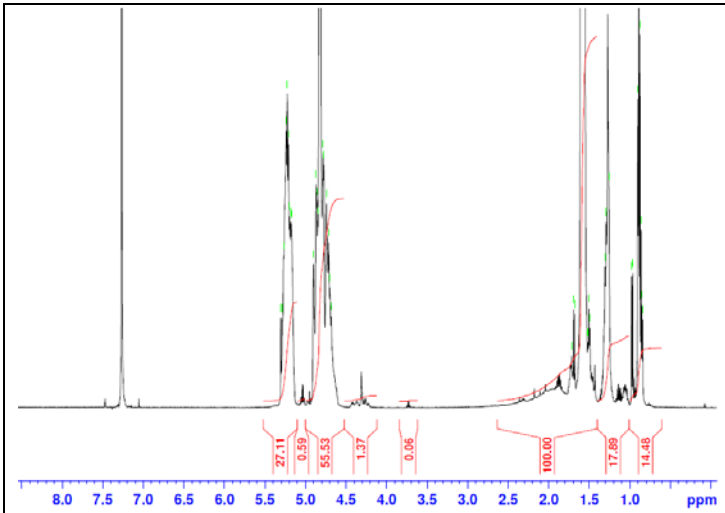


No. AP081

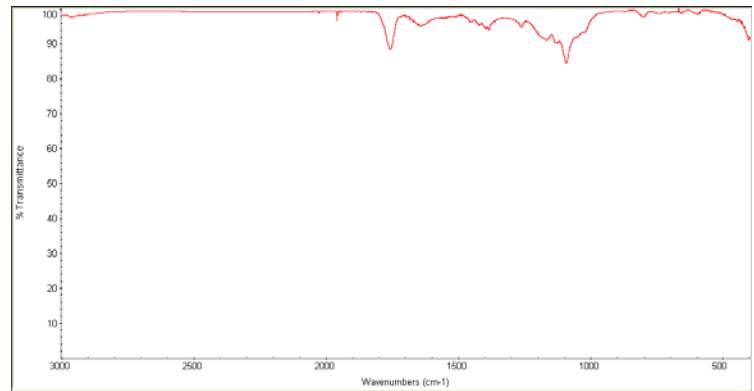
# Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA, Mn: 5,000-10,000Da)  
(Lot#: 60916ELH-A)



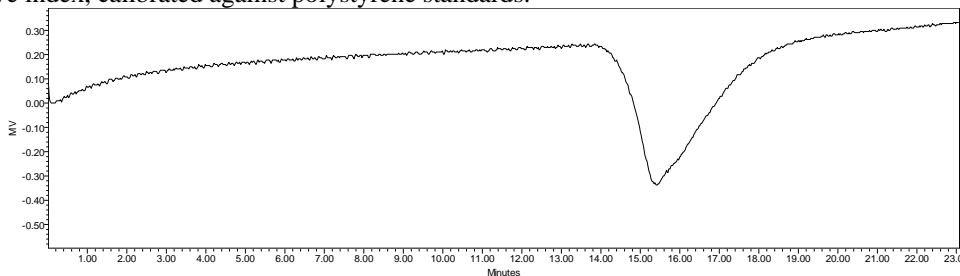
H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:  
GA/LA = 51%/49% molar ratio (45%/55% weight)



FTIR Analysis Method: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in Transmission E.S.P. mode.

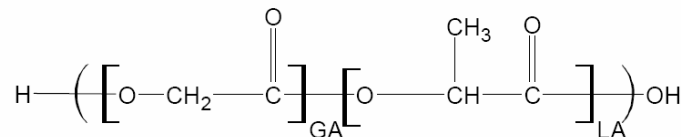
- **GPC analysis of PLGA copolymers**

Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (7.6 x 300 mm, mixed porosities). Detection via refractive index, calibrated against polystyrene standards.



Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	8,842	16,158	1.83

- **Structure of PLGA copolymers**



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

PolySciTech Division of Akina, Inc. | 3495 Kent Avenue, West Lafayette, IN 47906  
765-464-0390 | www.polysciotech.com

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