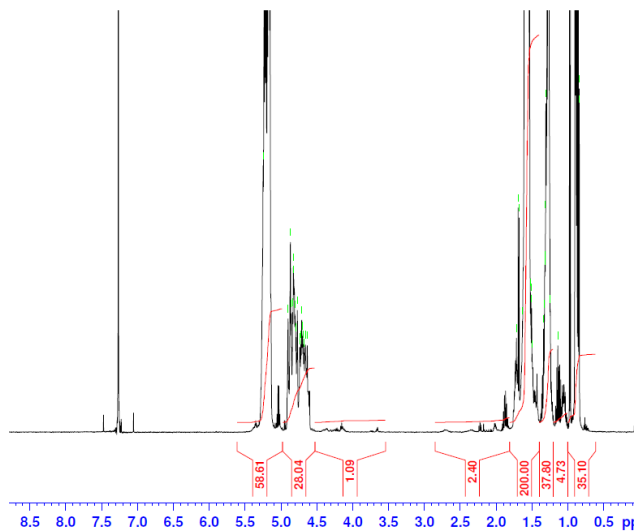


No. AP024

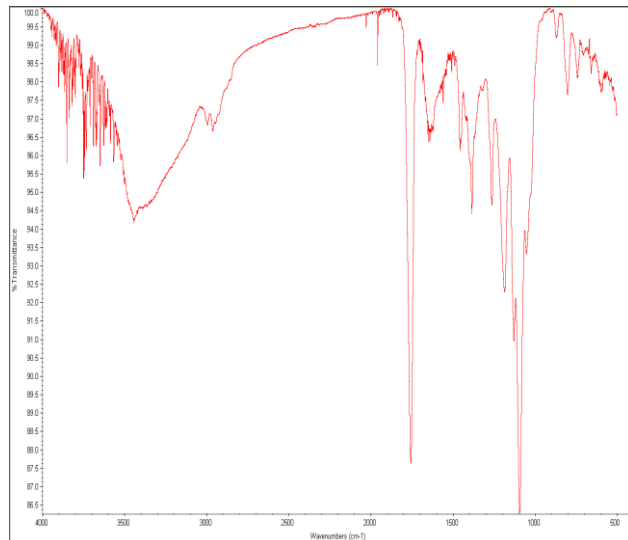
Certificate of Analysis



Product Name: Poly(Lactide-co-glycolide) ester endcap (LA:GA 85:15, Mn 35,000-45,000 Da)
(Lot#: 70303STR-A)

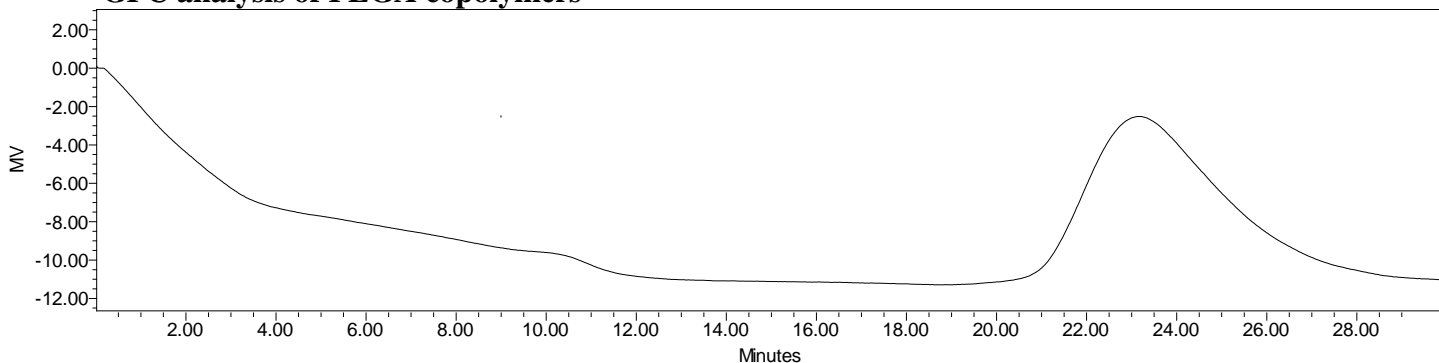


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 81%/19% molar ratio (84%/16% w/w)



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

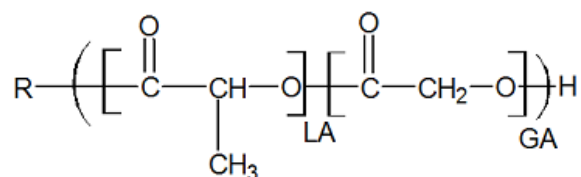
• GPC analysis of PLGA copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across four GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	35,636	54,431	1.53

• 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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