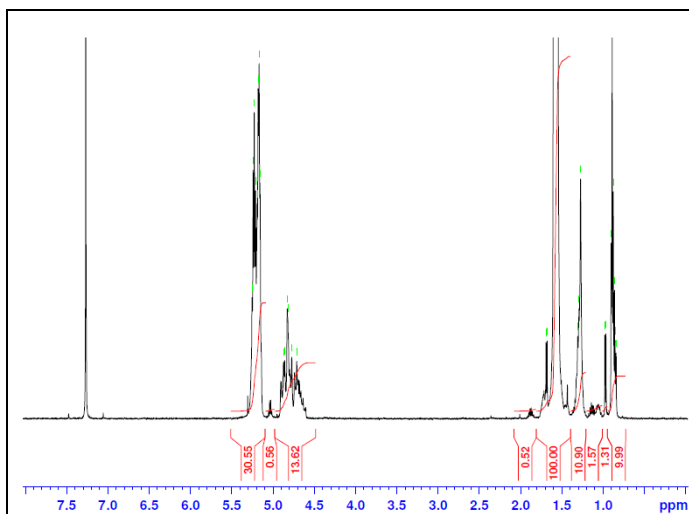


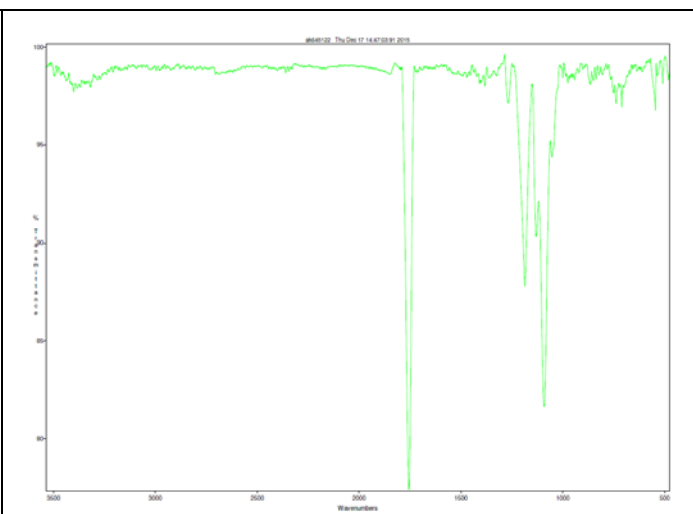
No. AP064

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymers acid endcap (85:15 LA:GA, Mn: 75,000-85,000Da) (Lot#: 51202SJH)

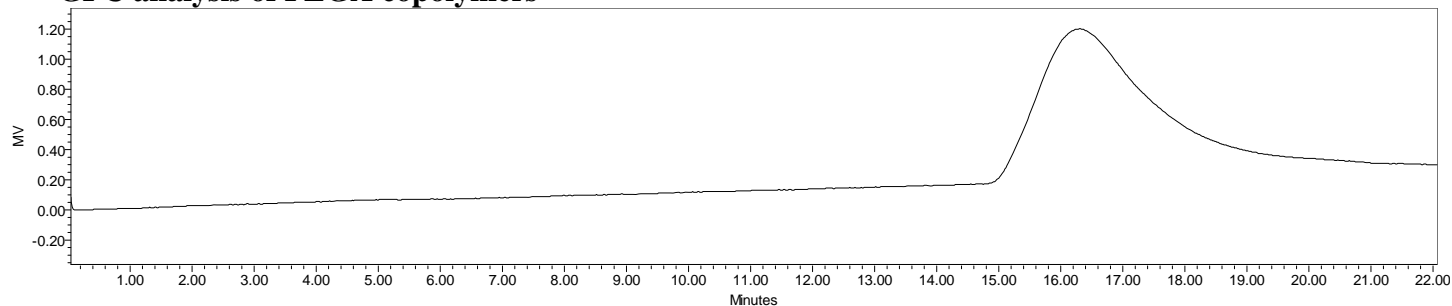


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 82%/18% molar ratio (85%/15% w/w)



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

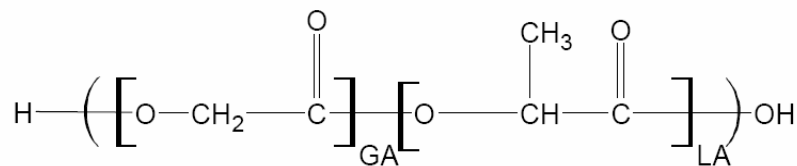
- GPC analysis of PLGA copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	83,102	145,702	1.75

- 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

For research use only.