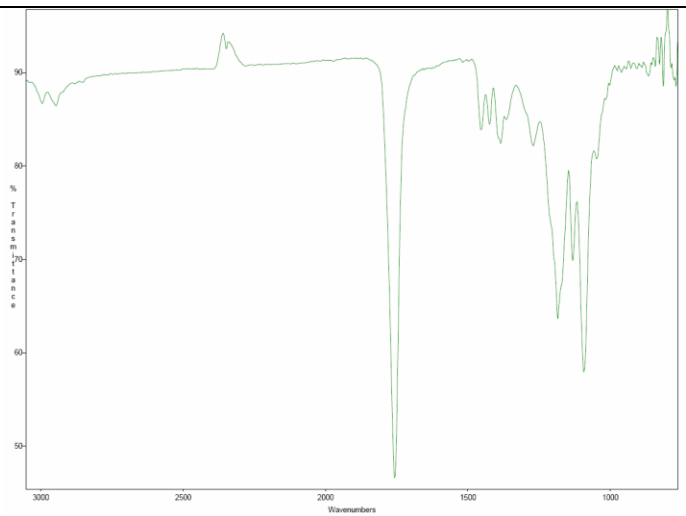
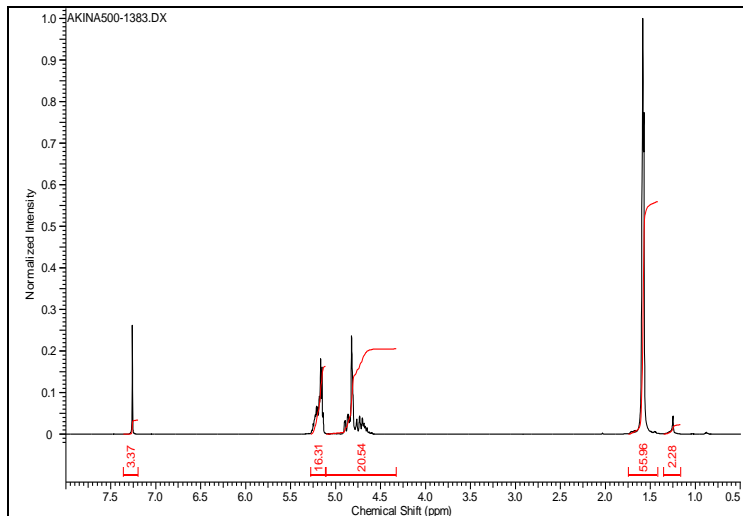


# No. AP17

# Certificate of Analysis



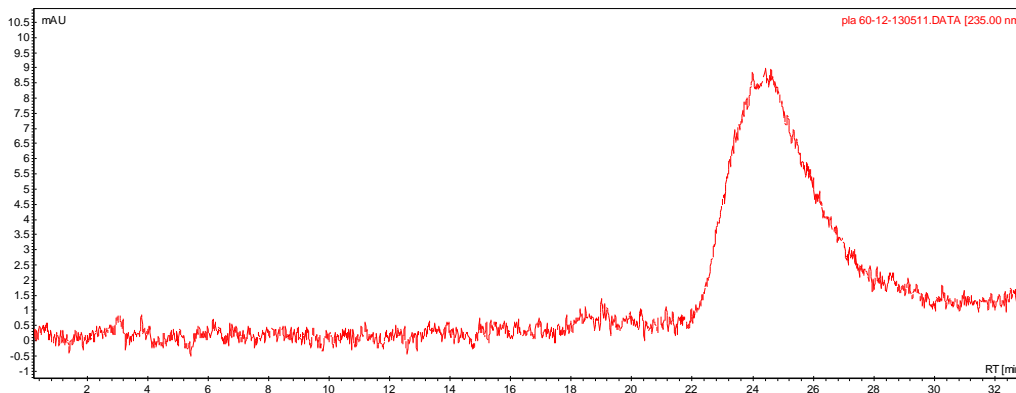
Product Name: Poly(lactic-co-glycolic) acid endcap (60:40 LA:GA, Mn: 75,000-85,000Da)  
(Lot#: 1303004) REV:A



H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 39%/61% molar ratio (34%/66% w/w)

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

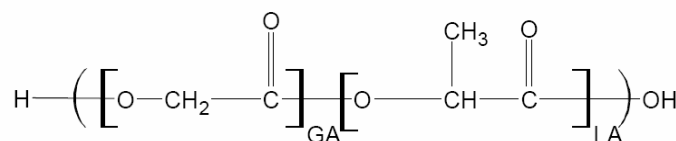
- **GPC analysis of PLGA copolymers**



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	84,206	165,277	1.96

- **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.

PolySciTech Division of Akina, Inc. | 3495 Kent Avenue, West Lafayette, IN 47906

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