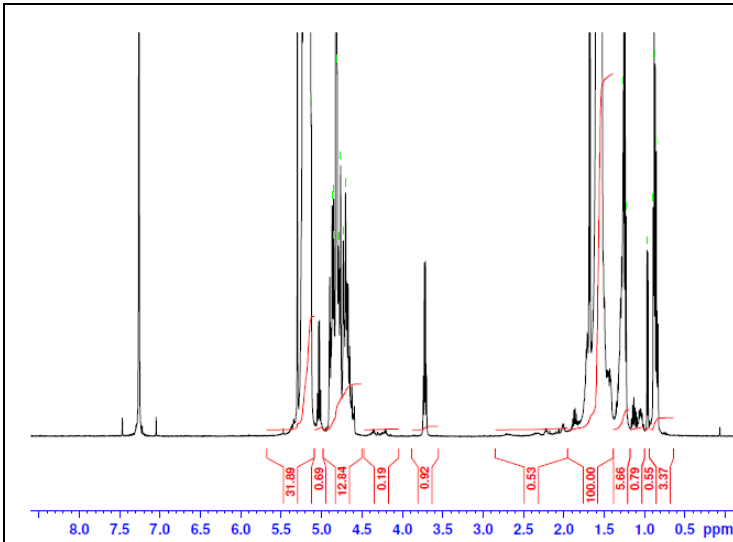


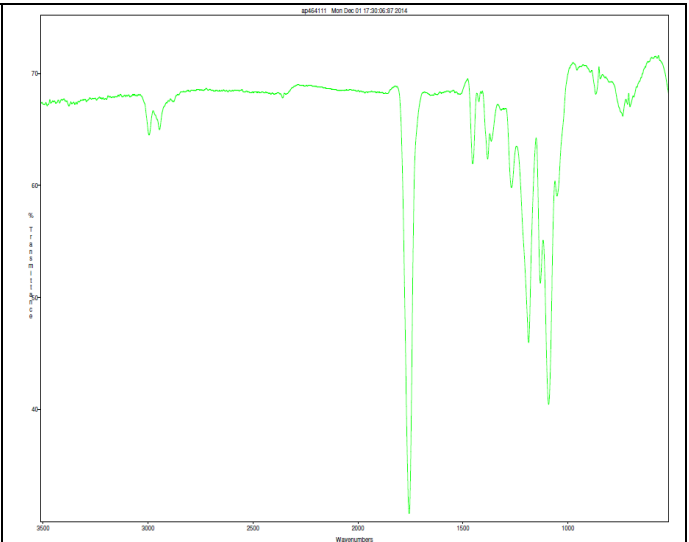
**No. AP064**

# Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymers acid endcap (85:15 LA:GA, Mn: 75,000-85,000 Da) (Lot#: 41118FAJ) REV:A

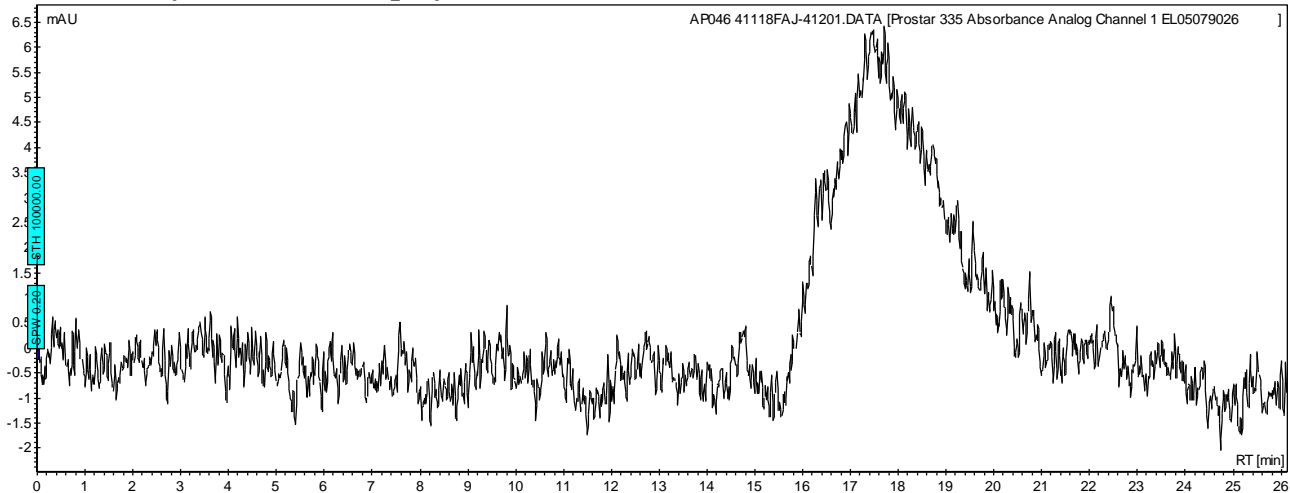


H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:  
LA/GA = 83%/17% molar ratio (86%/14% w/w)



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

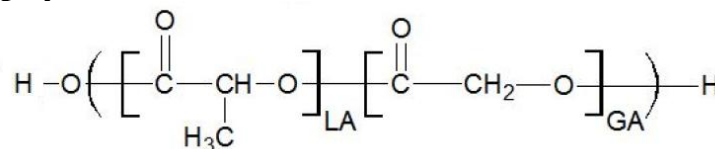
- GPC analysis of PLGA copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5µm columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	76,045	160,467	2.11

- Structure of PLGA copolymers**



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

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