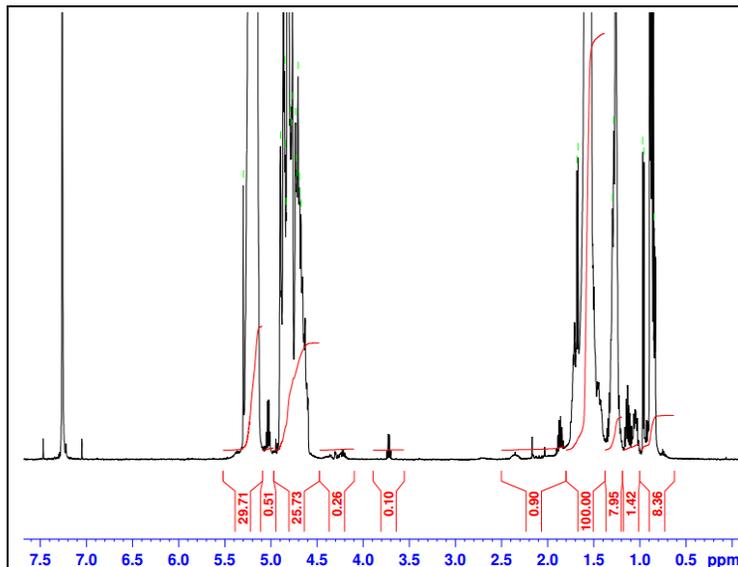


No. AP018

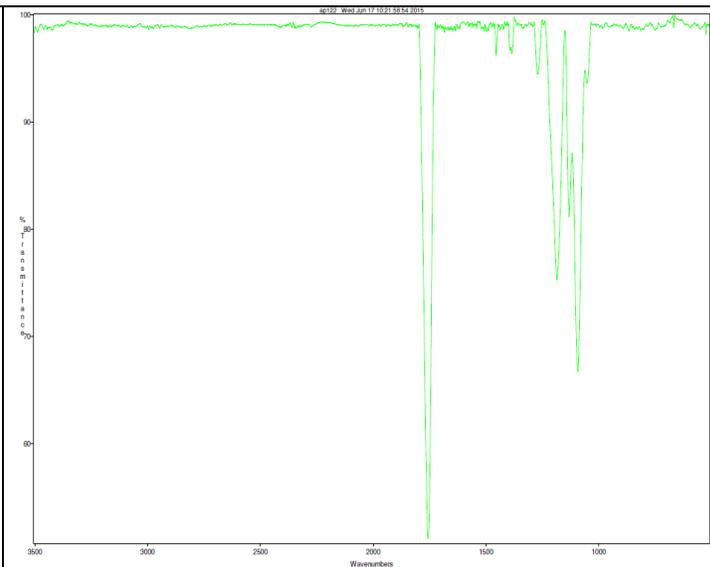
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid) acid endcap (75:25 LA:GA, Mn: 45,000-55,000 Da) (Lot#: 50610MJK) REV:A

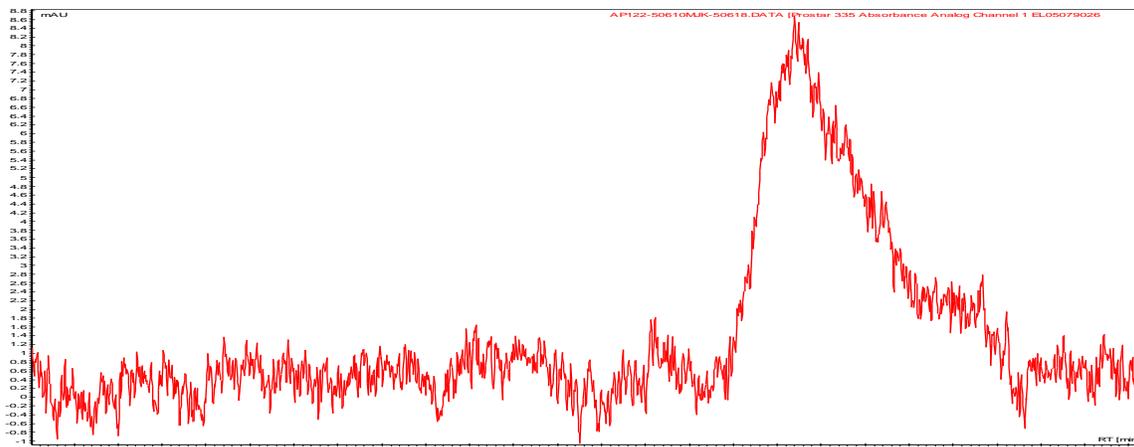


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 70%/30% molar ratio (74%/26% w/w)



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

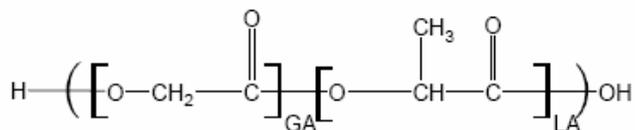
- **GPC of PLGA copolymers**



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	47,098	75,835	1.61

- **Structure of PLGA copolymers**



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

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