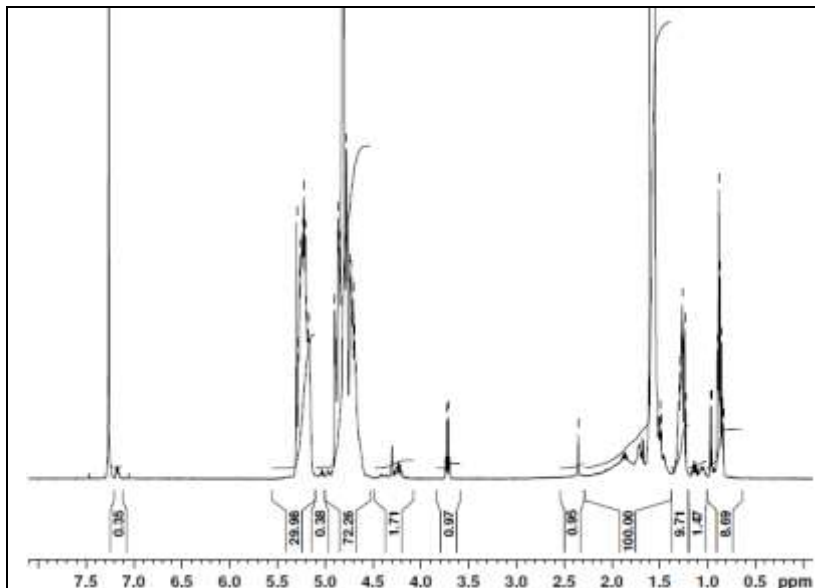


# No. AP41

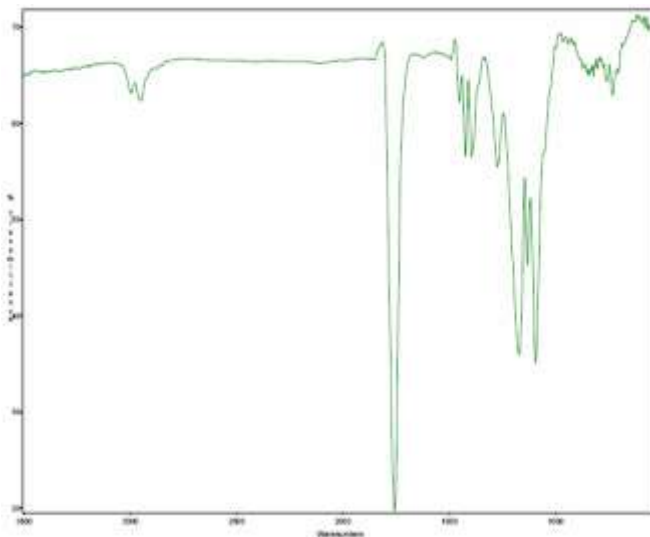
# Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) acid endcap (1:1 LA:GA, Mn: 10,000-15,000 Da)  
(Lot#: 30626BAK-B) REV:A

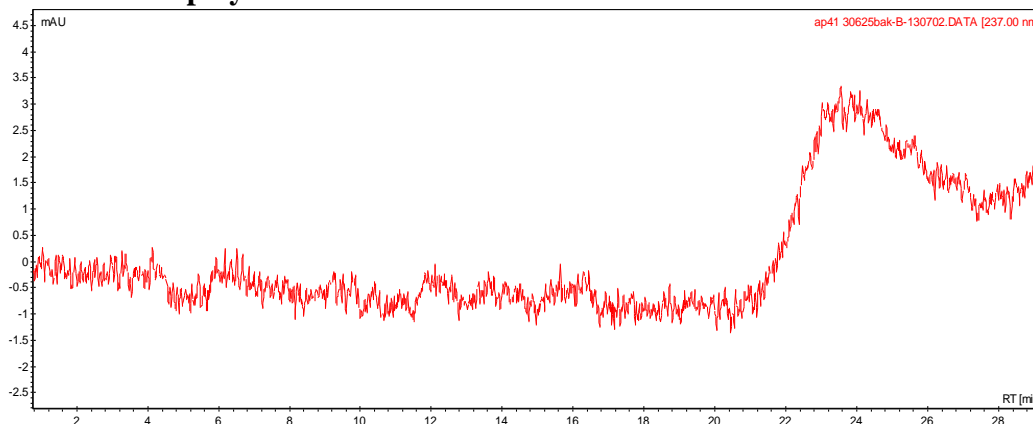


H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:  
GA/LA = 54%/46% molar ratio (49%/51% w/w)



Analysis Method: 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 three Phenogel 5u columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	12594	22058	1.75

- **Structure of PLGA copolymers**

