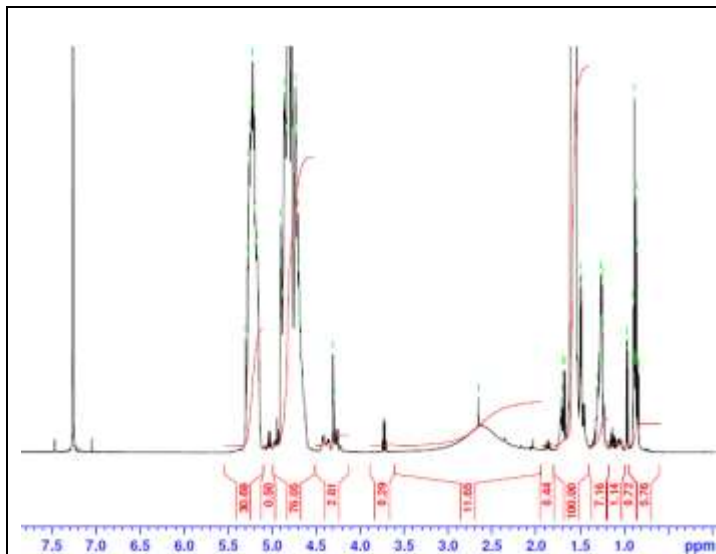


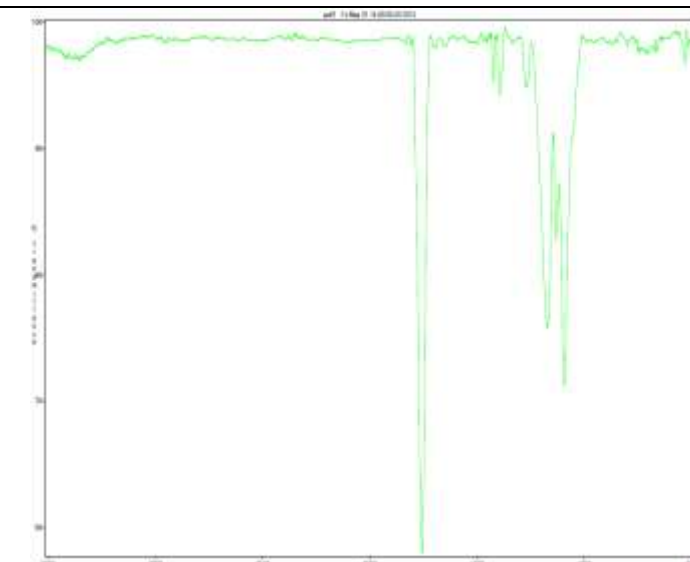
No. AP037

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA, Mn: 1,000-5,000Da)
(Lot#: 50428JCH) REV:A

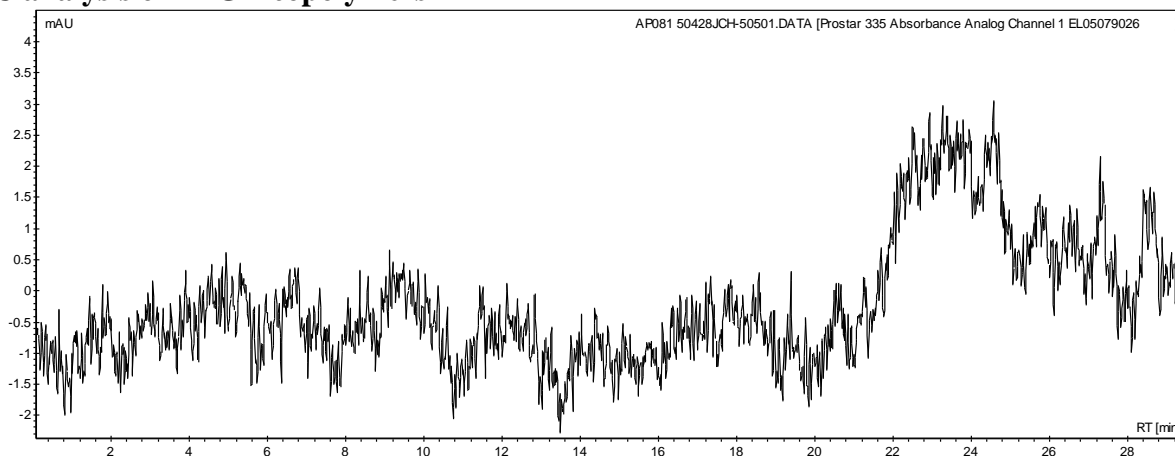


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 45%/55% molar ratio (50%/50% w/w)



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

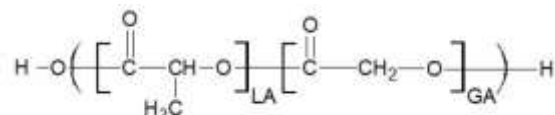
- **GPC analysis of PLGA copolymers**



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	2851	5057	1.77

- **Structure of PLGA copolymers**



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