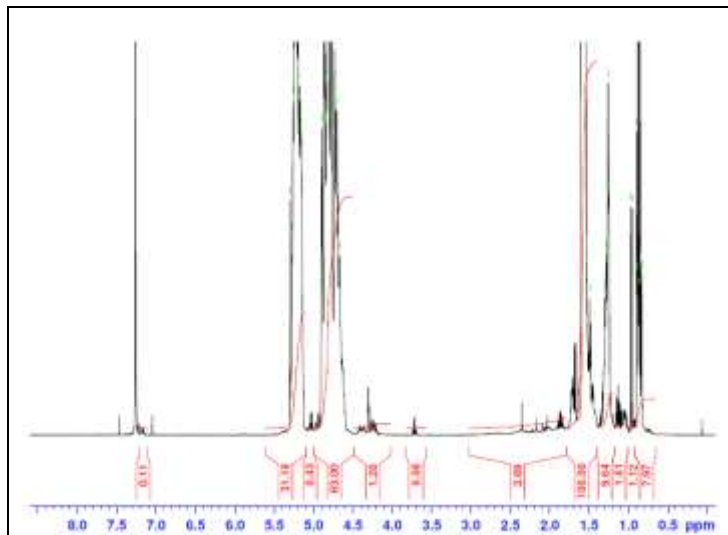


No. AP041

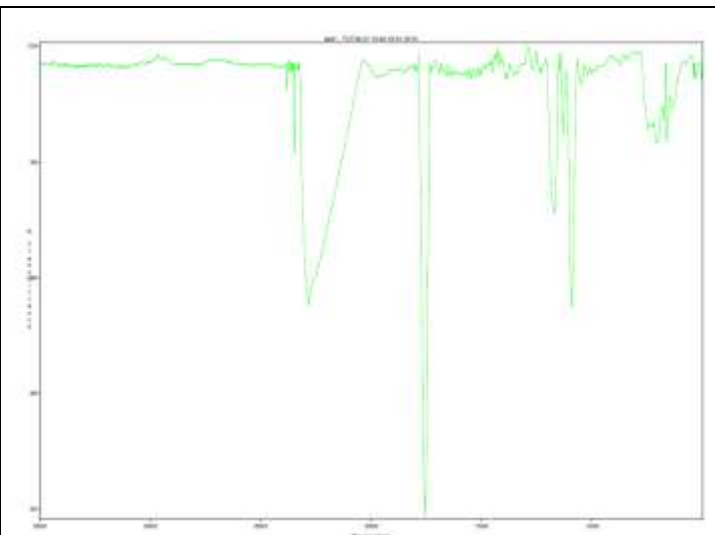
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) acid endcap (50:50 LA:GA) (Mn: 10,000-15,000 Da)
(Lot#: 50220BAK) REV:A

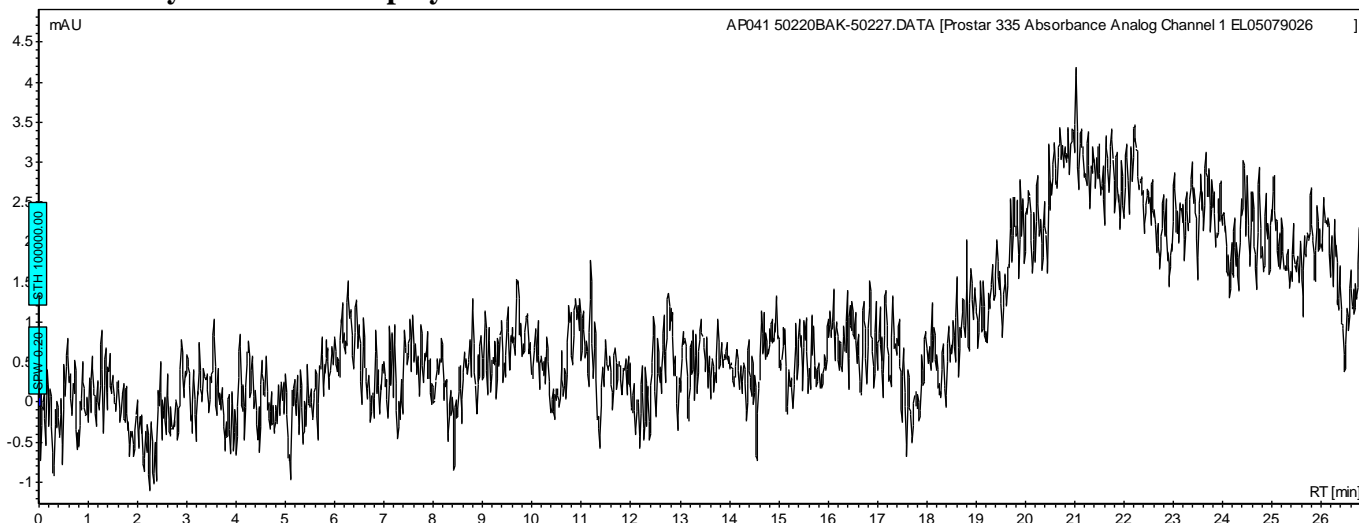


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 50%/50% molar ratio (55%/45% w/w)



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

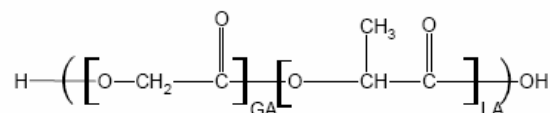
• GPC analysis of PLGA copolymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	12,763	26,233	2.06

• Structure of PLGA copolymers



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

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