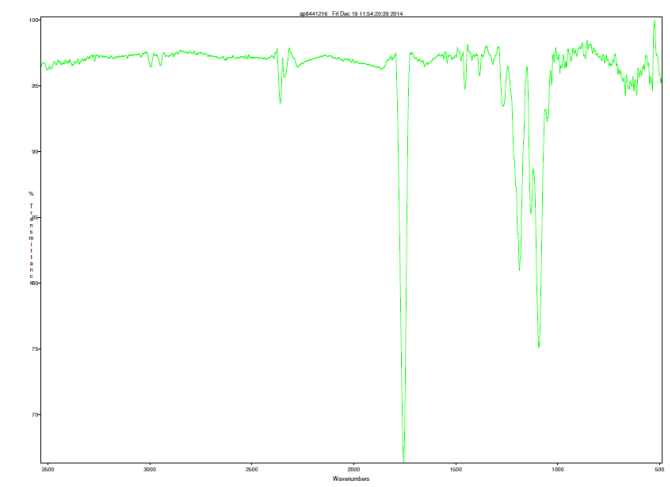
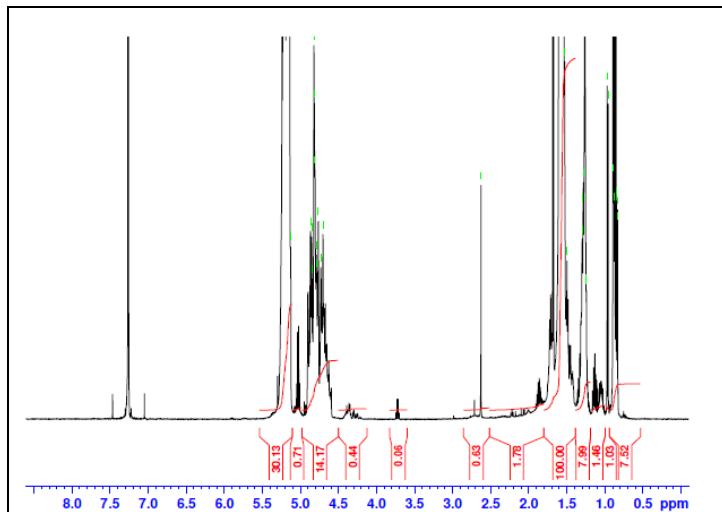


No. AP084

Certificate of Analysis



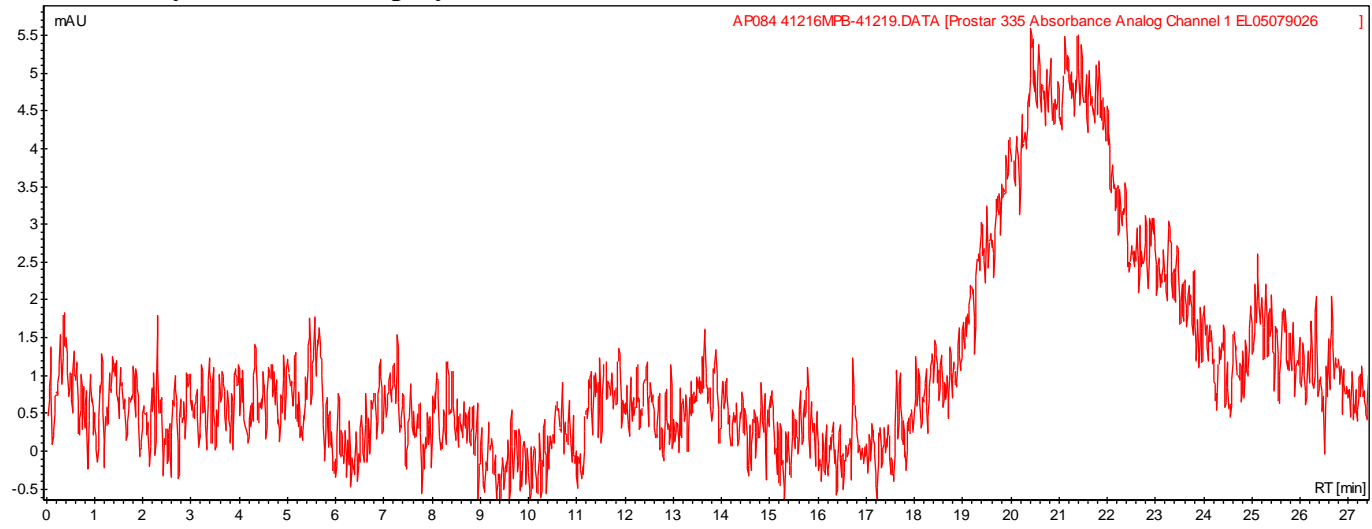
Product Name: Poly(lactide-co-glycolide) acid endcap (85:15 LA:GA, Mn: 10,000-15,000 Da)
(Lot#: 41216MPB) REV:A



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

H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 81%/19% molar ratio (84%/16% w/w)

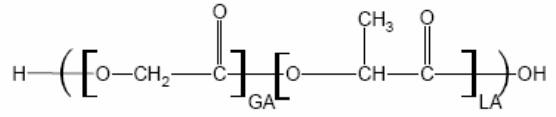
• GPC analysis of PLGA copolymers



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	11,647	25,300	2.17

• Structure of PLGA copolymers



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