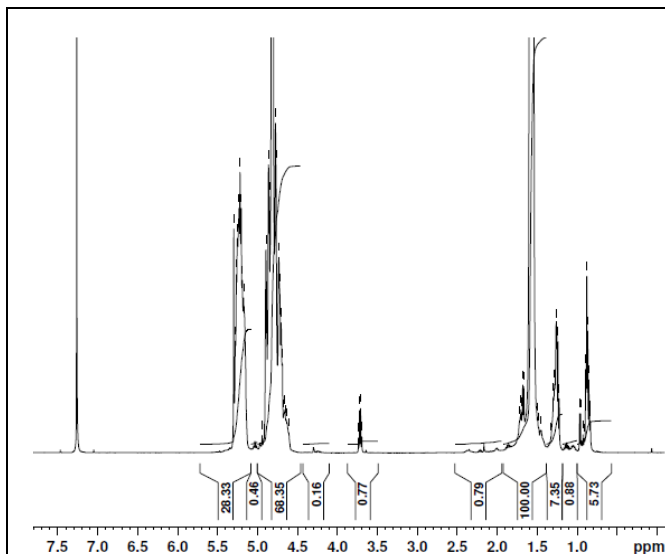


No. AP89

Certificate of Analysis

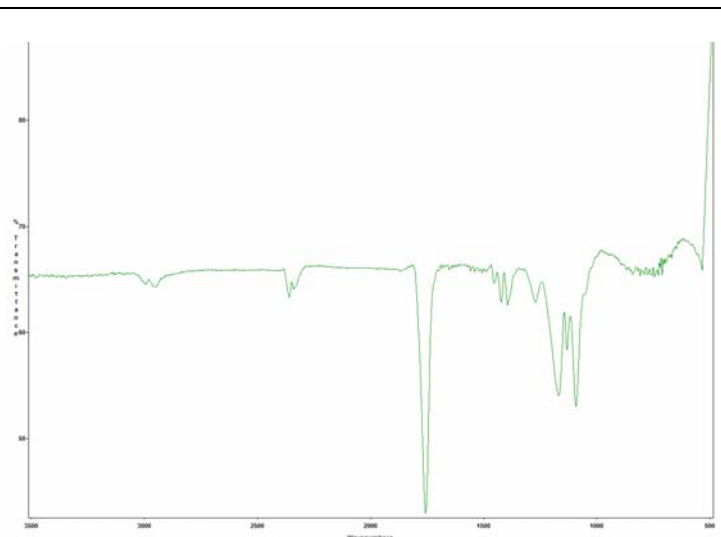
Product Name: Poly(lactide-co-glycolide) acid endcap (50:50 LA:GA) (M_n : 75,000-85,000 Da)
(Lot#: 31206AHT)

H-NMR



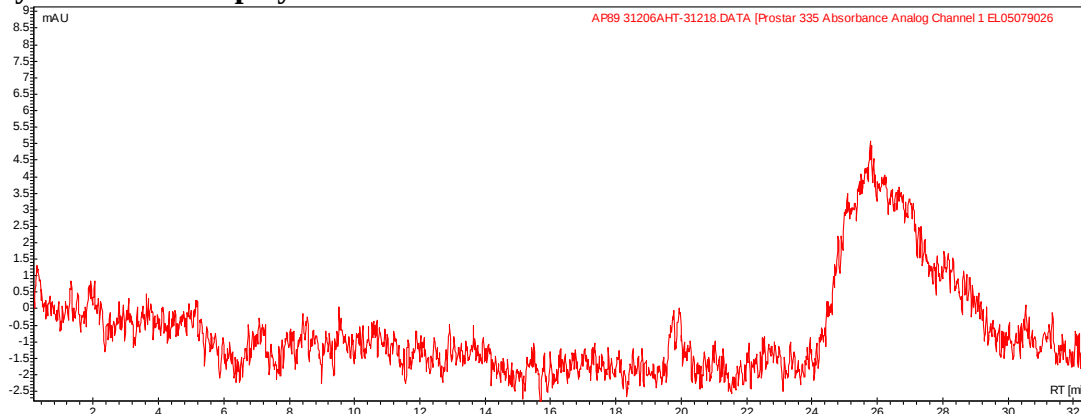
H-NMR Spectrum of PLGA copolymer in $CDCl_3$ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 49%/51%

FTIR



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLGA	82398	153916	1.87

- Structure of PLGA copolymers

