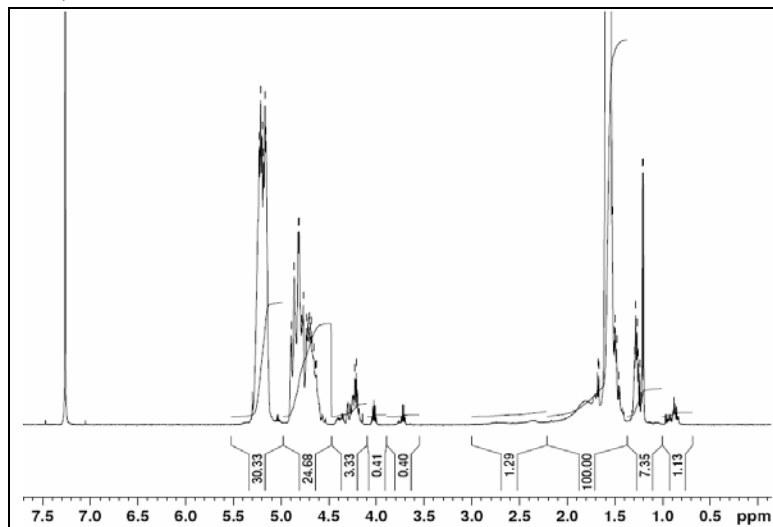


No. AP73

Certificate of Analysis

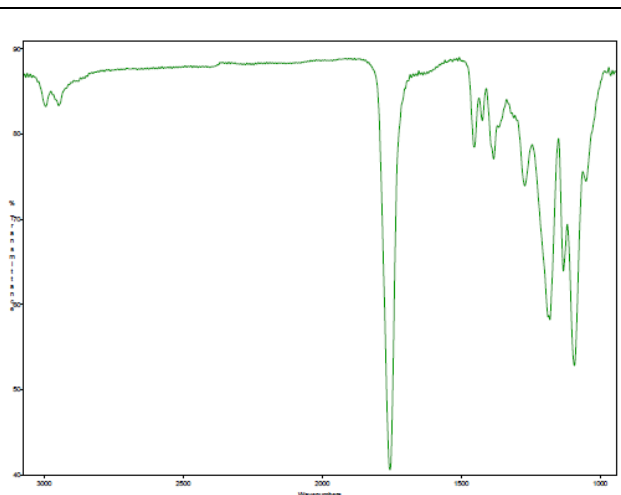
Product Name: Poly(lactide-co-glycolide) acid endcap (75:25 LA:GA) (Mn: 10,000-15,000 Da)
(Lot#: 30514BAK)

H-NMR



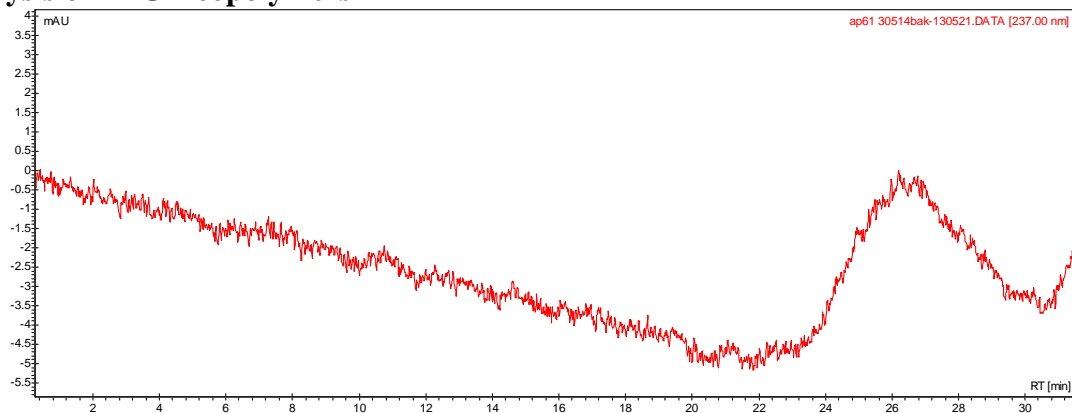
H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 25%/75%

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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	8178	14227	1.74

- **Structure of PLGA copolymers**

