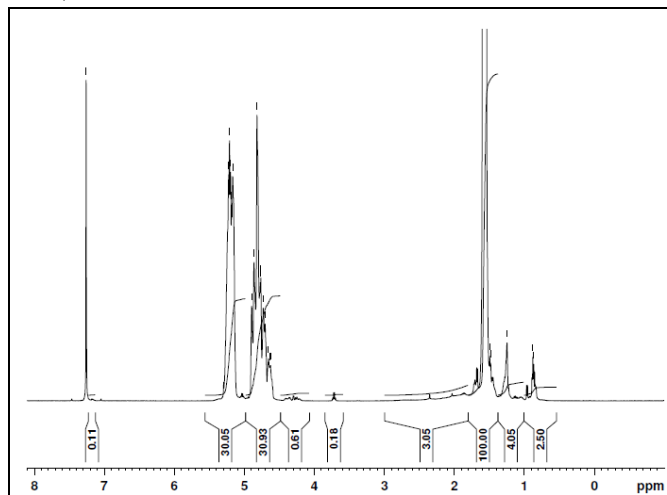


No. AP56

Certificate of Analysis

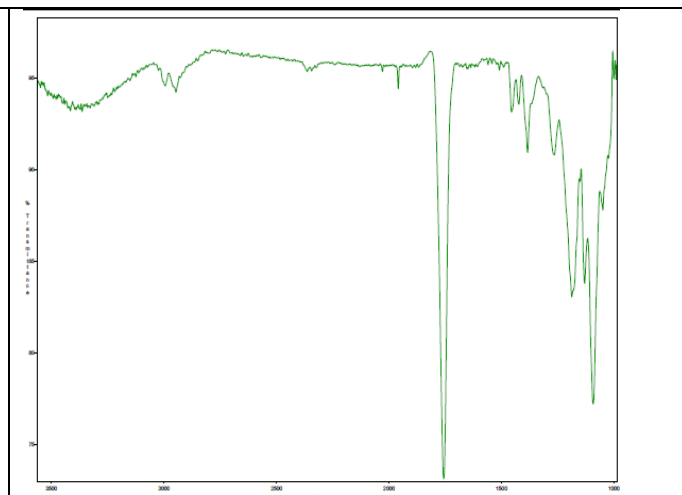
Product Name: Poly(lactide-co-glycolide) acid endcap (70:30 LA:GA, Mn ~15,000-25,000 Da)
(Lot#: 31011SMS)

H-NMR



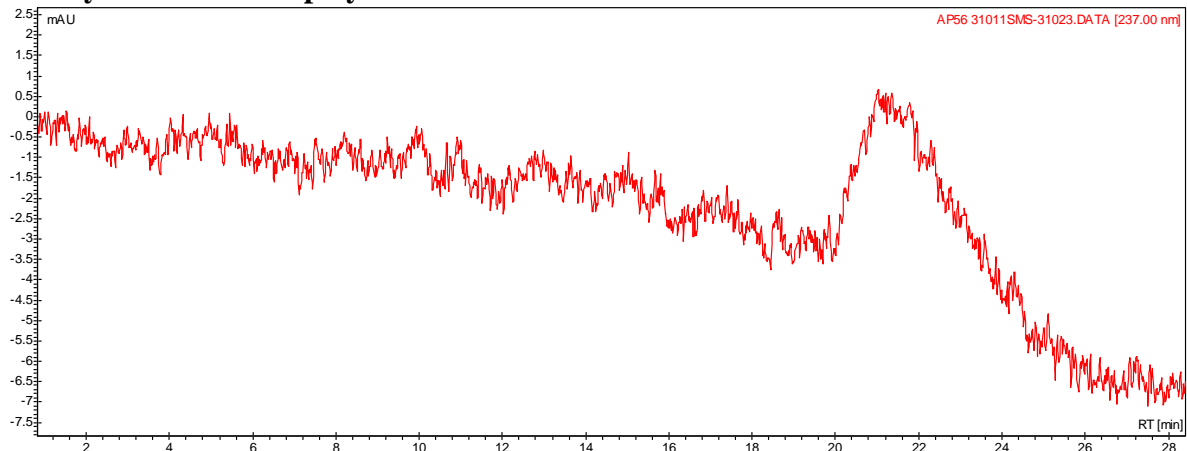
H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 29%/71%

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 three Phenogel 5u columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	16068	22731	1.41

- **Structure of PLGA copolymers**

