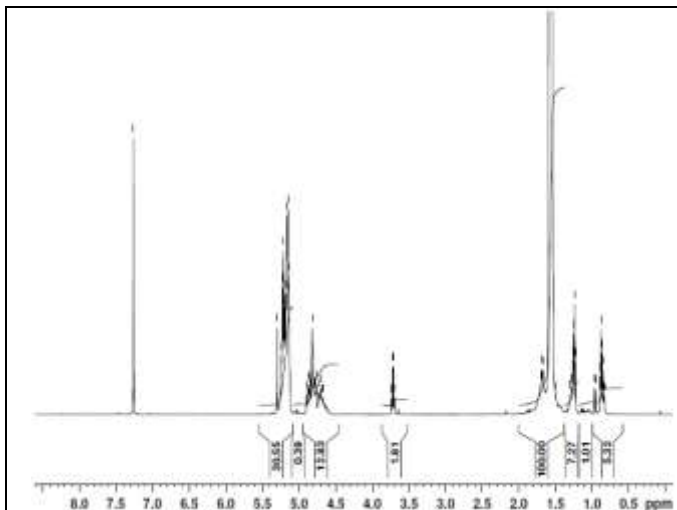


No. AP46

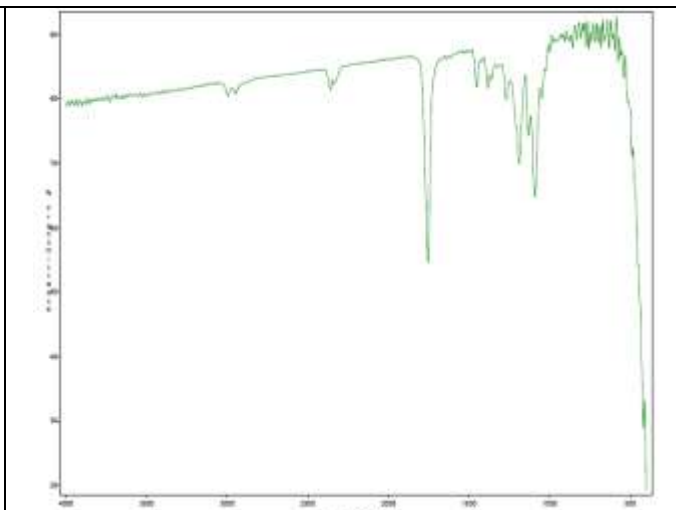
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) copolymers acid end capped (85:15 LA:GA,
Mn: 85,000-100,000 Da) (Lot#: 30805SMS-B) REV:A

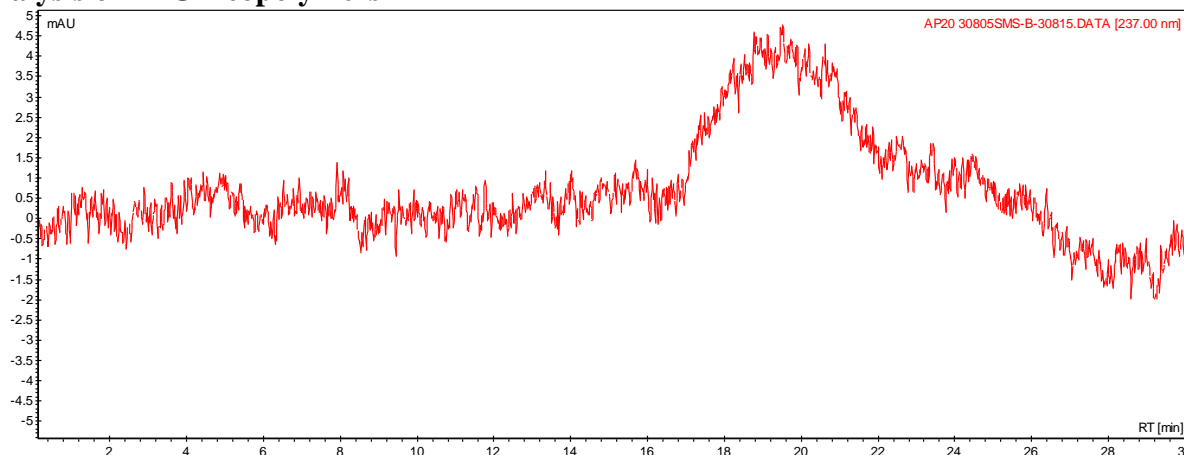


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 17%/83% molar ratio (14%/86% w/w)



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 Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	85,707	152,491	1.78

• Structure of PLGA copolymers

