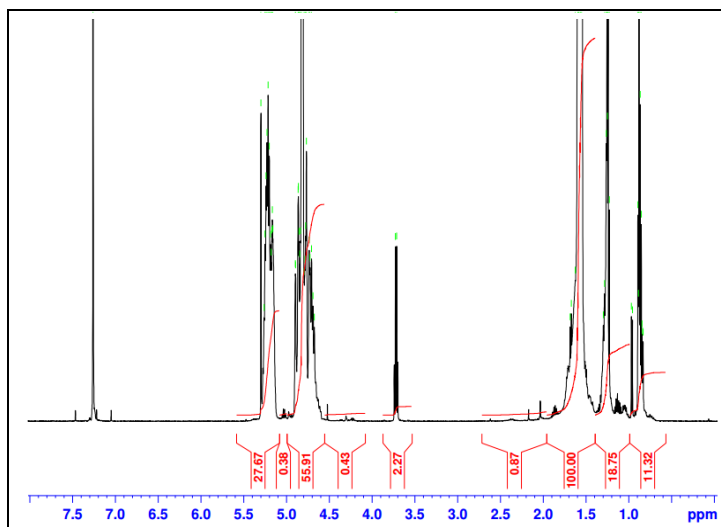


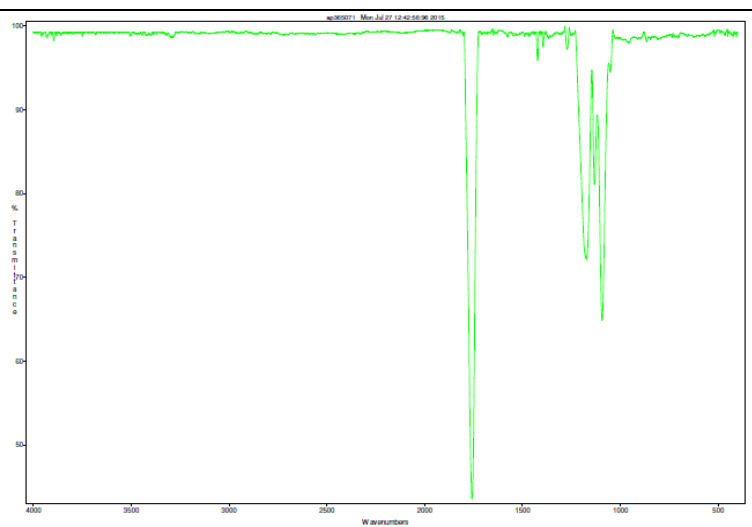
No. AP36

Certificate of Analysis

Product Name: Poly (lactic-co-glycolic acid) (50:50 LA:GA, M_n : 85,000 - 100,000 Da)
(Lot#: 50714MLS)

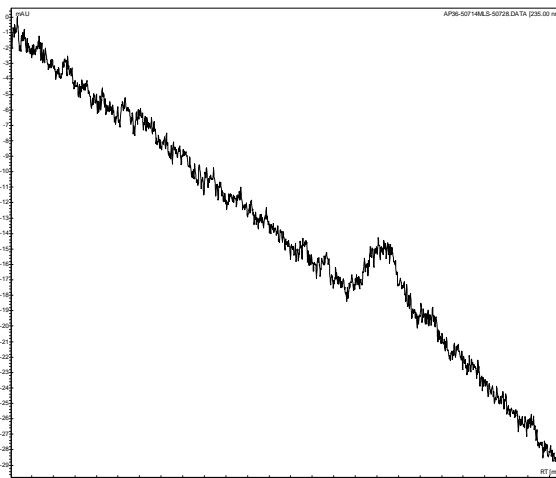


H-NMR Spectrum of PLGA copolymer in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 50%/50% molar ratio (55%/45% w/w)



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

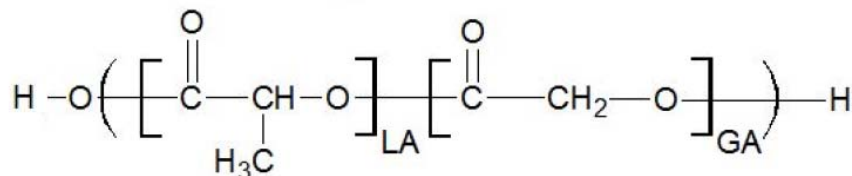
- **GPC analysis of PLGA copolymers**



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	85,247	120,809	1.42

- **Structure of PLGA copolymers**



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