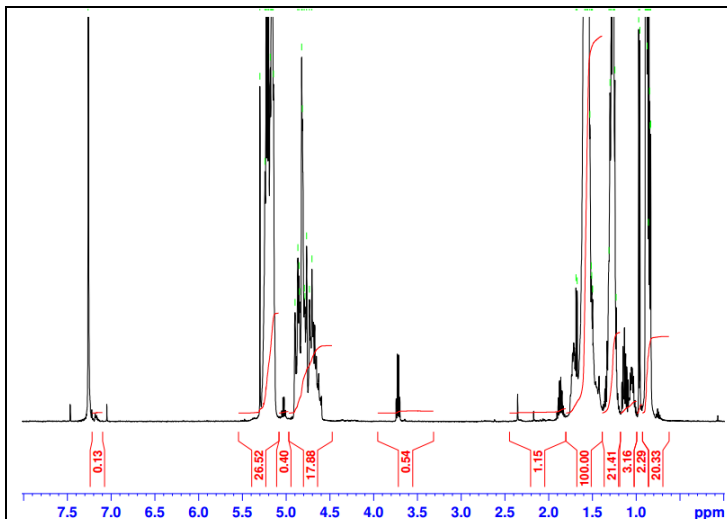


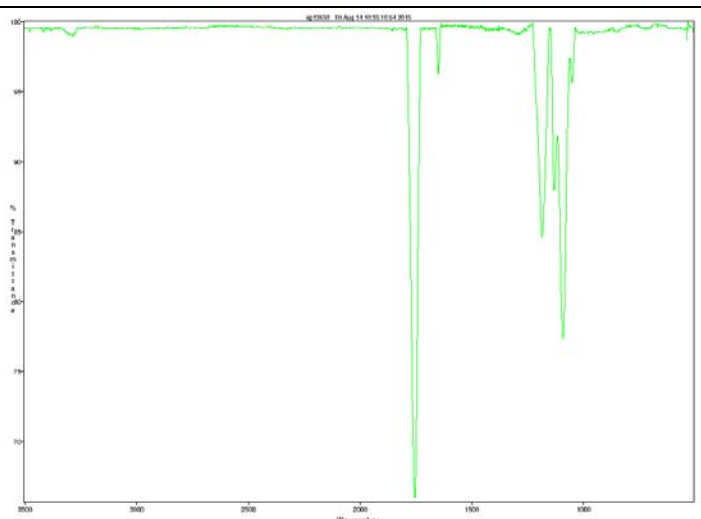
No. AP136

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) Copolymers acid end-capped (75:25 LA:GA,
M_n: 100,000- 200,000 Da) (Lot#: 50805MLS)

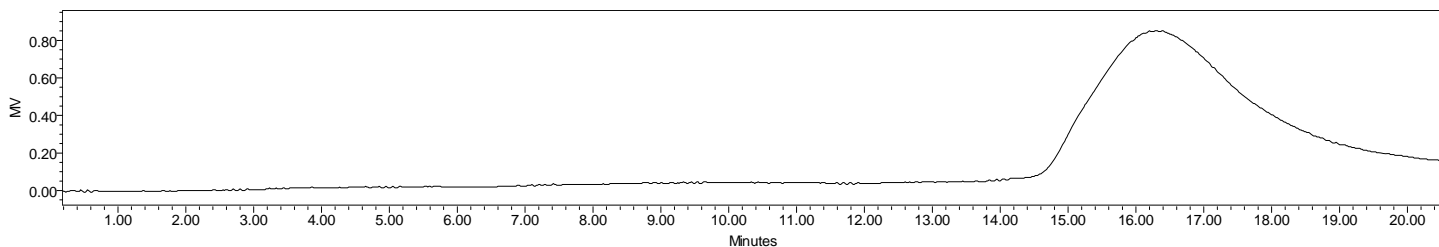


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 75%/25% molar ratio (79%/21% w/w)



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

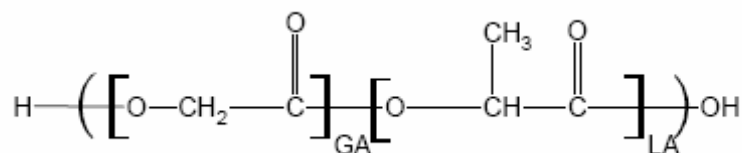
- **GPC analysis of PLGA copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	107,438	139,982	1.30

- **Structure of PLGA copolymers**



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