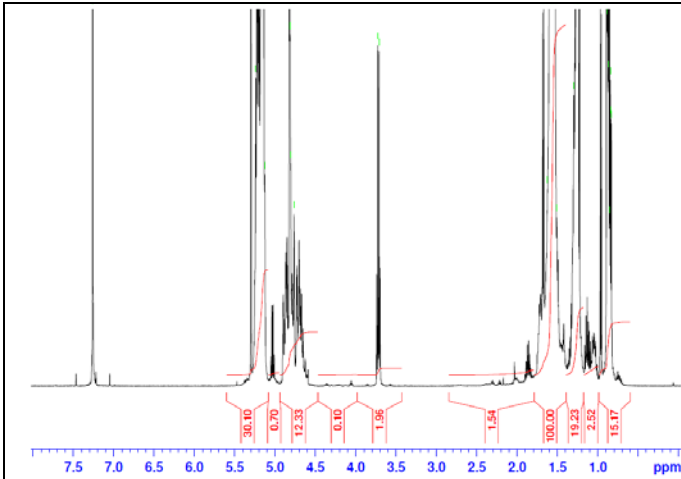


No. AP020

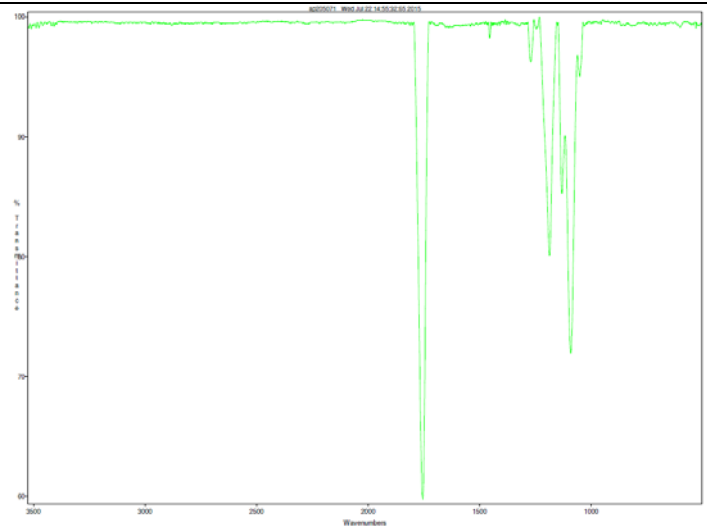
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) copolymers acid end capped (85:15 LA:GA,
M_n: 100,000 - 200,000 Da) (Lot#: 50713SMS)

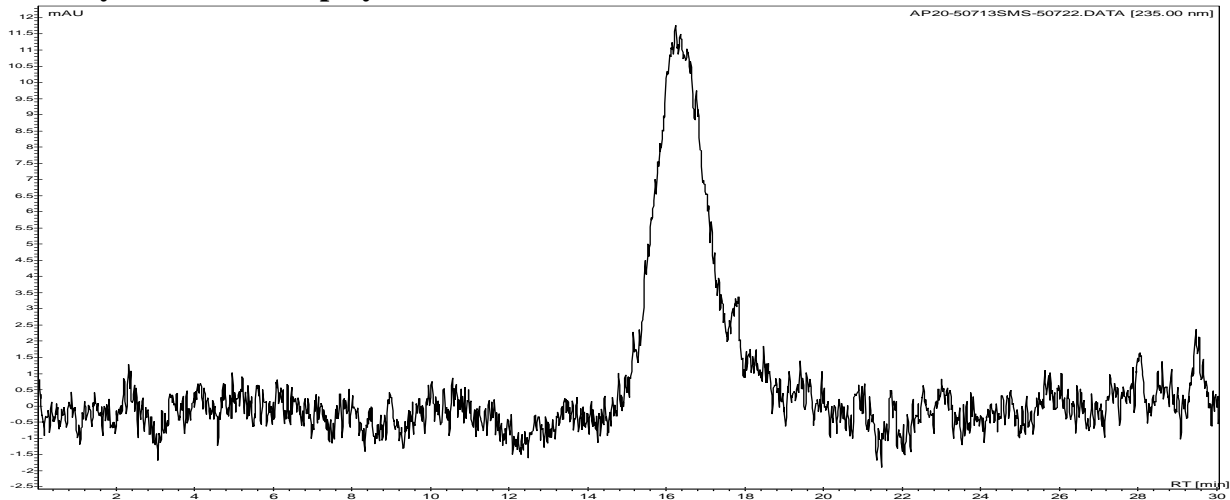


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = molar ratio 83 %/17% (86%/14% w/w)



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

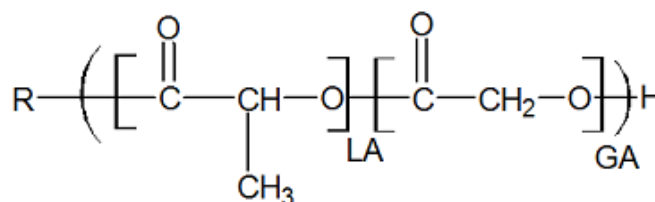
- **GPC analysis of PLGA copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μm columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	128,704	189,662	1.47

- **Structure of PLGA copolymers**



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

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