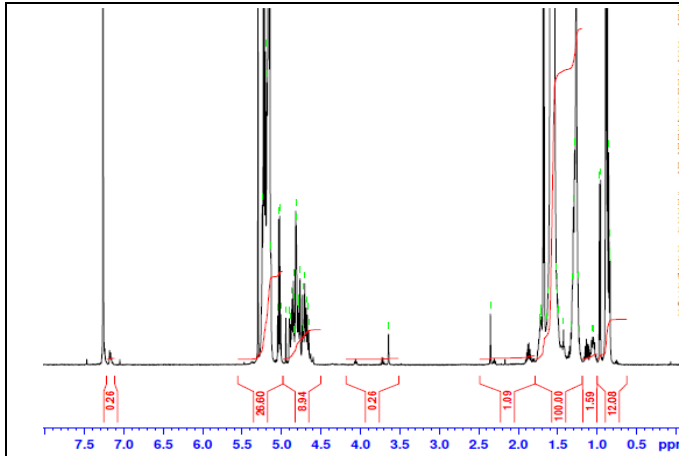


No. AP046

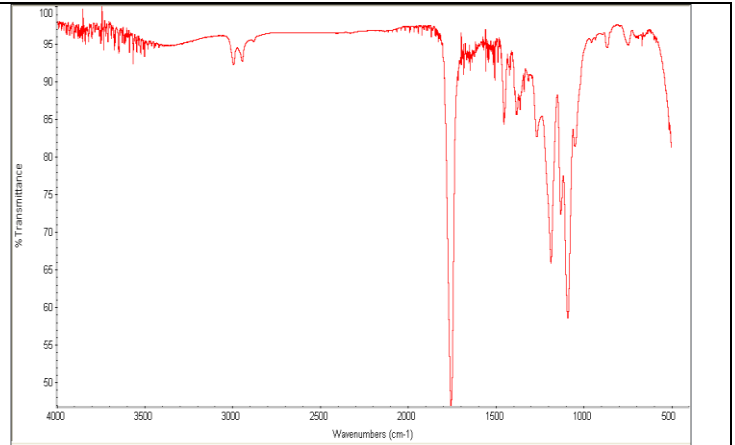
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) acid endcap (85:15 LA:GA, Mn: 85,000-100,000 Da)
(Lot#: 170814SMS-C)

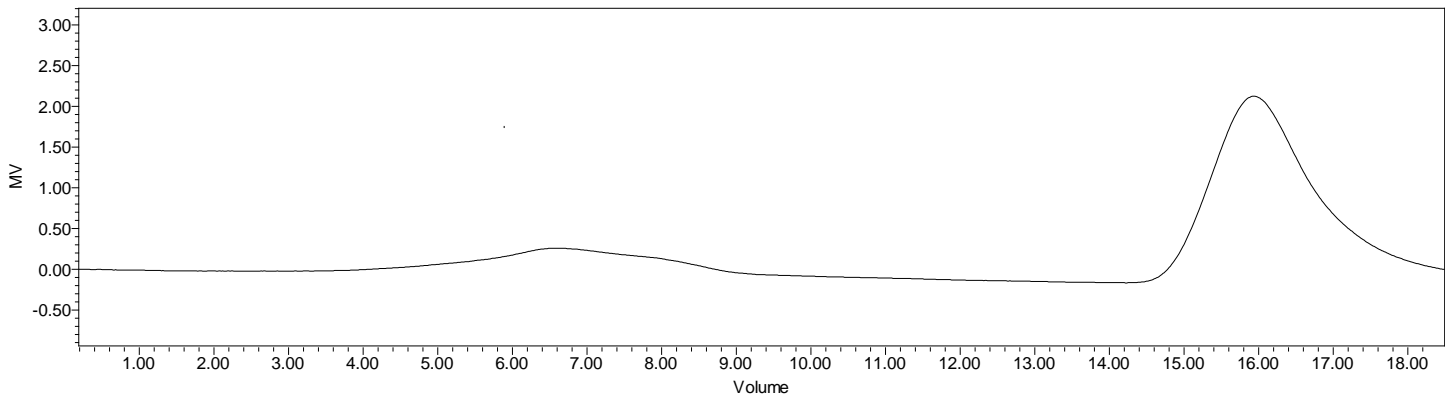


¹H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
LA/GA = 86%/14% molar ratio (88%/12% w/w)



FTIR Analysis: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in transmission E.S.P. mode.

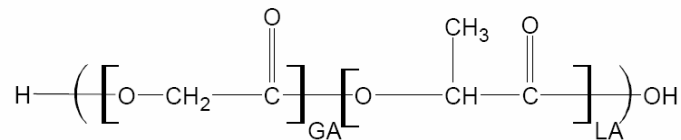
- **GPC analysis of PLGA copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	98,320	144,027	1.46

- **Structure of PLGA copolymers**



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

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