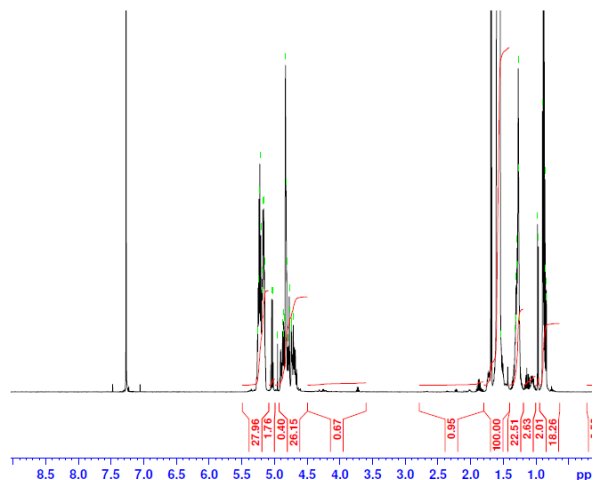


No. AP150

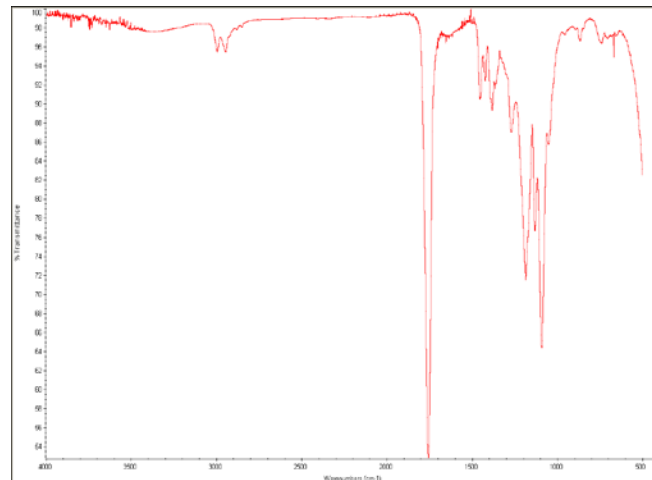
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic) copolymers ester endcap (75:25 LA:GA, M_n : 125,000 - 150,000 Da) (Lot#: 70216ELH-A)

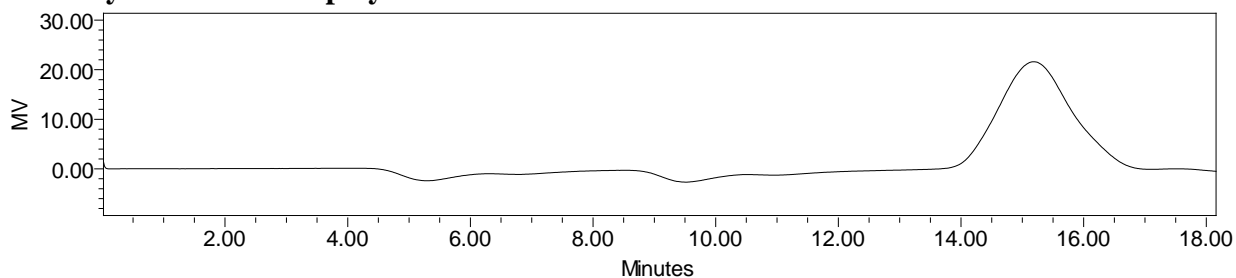


H-NMR Spectrum of PLGA copolymers in $CDCl_3$ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 70%/30% molar ratio (74%/26% w/w)



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

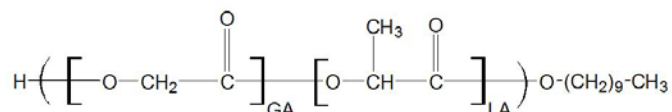
- GPC analysis of PLGA copolymers



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	M_n (from GPC)	M_w (from GPC)	PDI
PLGA	136,588	146,534	1.07

- Structure of PLGA copolymers



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