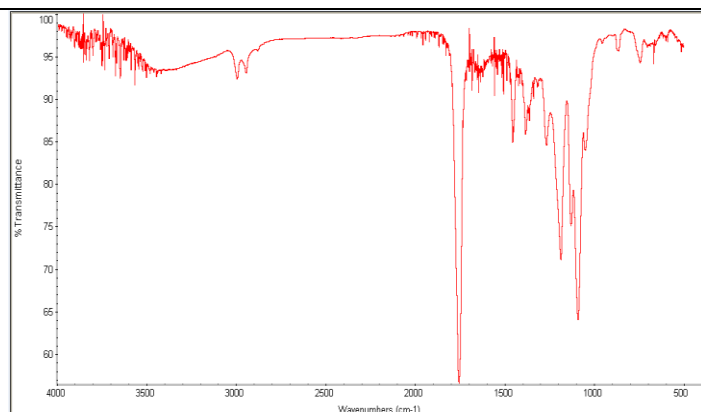
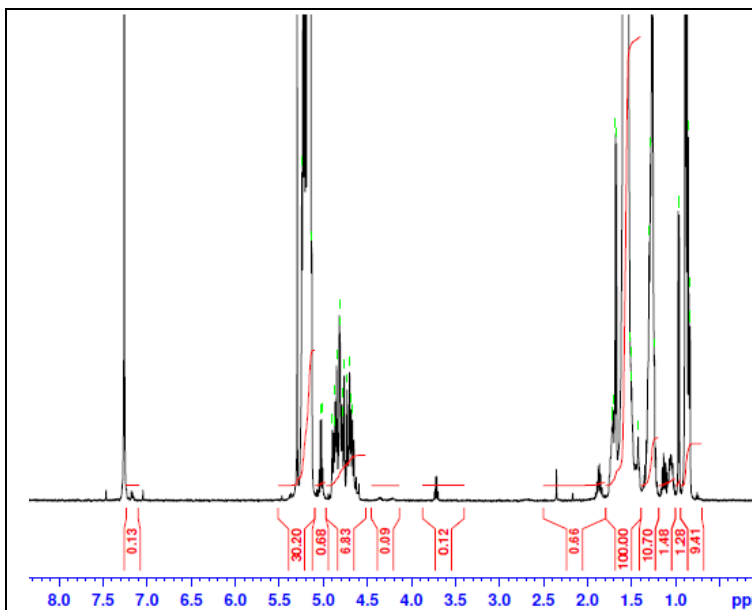


# No. AP217

# Certificate of Analysis



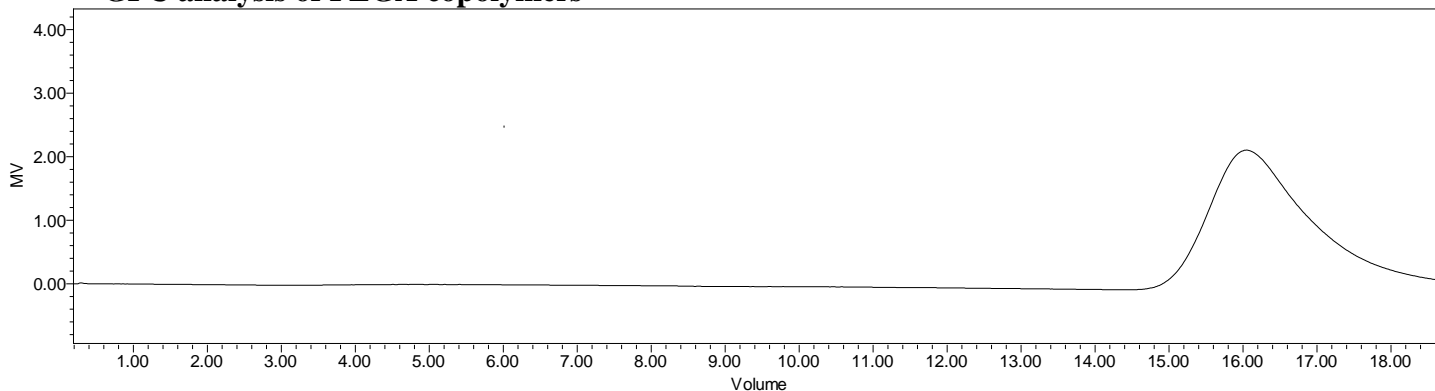
Product Name: Poly(lactide-co-glycolide) acid endcap (90:10 LA:GA, Mn: 75,000-85,000 Da)  
(Lot#: 170816SMS-A)



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

H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:  
LA/GA = 90%/10% molar ratio (92%/8% w/w)

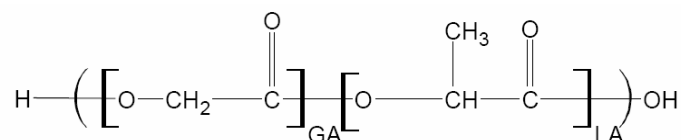
## • GPC analysis of PLGA copolymers



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	82,960	122,536	1.48

## • Structure of PLGA copolymers



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